

Bulletin

Pennsylvania Department of Agriculture

Harrisburg, Pa.

Vol. 25

MAY-JUNE, 1942

No. 3

GENERAL BULLETIN 581

FEEDING STUFFS REPORT

1941



JOHN H. LIGHT
Secretary of Agriculture

Published bi-monthly by direction of the Secretary. Entered as second-class matter May 15, 1940, at the post office at Harrisburg, Pennsylvania, under the Act of June 6, 1900.

CONTENTS

	Page
Introduction.....	3
Brands Registered.....	4
Conclusions.....	4
Table I, Classification showing Average Analyses and Prices of Samples Analyzed with Summary of Deficiencies.....	5
Key to Table II.....	6
Table II, showing Results of Chemical Analyses and Microscopical Examinations of Official Samples.....	7

FEEDING STUFFS REPORT

1941

INTRODUCTION

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis of feeding stuffs, and accordingly, during the year ending December 31, 1941, 1,001 official samples were obtained by agents of the Bureau throughout the Commonwealth. Of the total number of samples collected, 985 were selected for analysis.

Each and every feeding stuffs sold within this Commonwealth is required to be properly labeled giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat, and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1941, 266 special samples of feeding stuffs were submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only for a fee of \$1 per sample. The results of analyses of special samples submitted are not included in this Report. The total number of official and special samples analyzed during the year 1941 was 1,251.

The 985 official samples analyzed were registered by 210 manufacturers and represented 17 classes and 835 brands as follows:

<u>Classes</u>	<u>Samples</u>
Oil Cake By-Products.....	25
Distillery and Brewery By-Products.....	9
Maize By-Products.....	17
Wheat Offal.....	33
Alfalfa Meal.....	9
Oat By-Products.....	5
Dried Beet Pulp.....	4
Proprietary Dairy Feed.....	185
Proprietary Stock, Horse and Mule Feed.....	40
Proprietary Calf Meal.....	7
Proprietary Swine Feed.....	83
Proprietary Chop Feed.....	16
Proprietary Scratch Feed.....	37
Proprietary Mash Feed.....	416
Proprietary Small Animal Feed.....	71
Animal By-Products.....	20
Miscellaneous.....	8
Total.....	985

BRANDS REGISTERED

Each brand of feeding stuffs is required to be registered annually, and application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of \$25 per brand. The annual registration fees are as follows:

0 to 150 tons, each.....	\$ 5.00
Over 150 tons to 300 tons, each.....	10.00
Over 300 tons to 500 tons, each.....	15.00
Over 500 tons, each.....	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of \$5 each, it being unnecessary to submit tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1941 sales, 6,513 brands of feeding stuffs were registered, and 1,387 licenses were issued to 1,116 manufacturers.

CONCLUSIONS

Of the 985 official samples analyzed, 116 or 11.78% were deficient in protein or fat and contained fiber in excess of the tolerances provided; 18 samples or 1.83% were found deficient in protein, 61 or 6.19% deficient in fat, and 44 or 4.47% exceeded guarantees for fiber.

Microscopical examination of each sample was made in order to determine correctness of certified ingredients, and where discrepancies were found manufacturers were accordingly notified.

The consumer of a feeding stuffs purchases same under certain guarantees and labeling, and naturally expects that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be accordingly notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the administrative officer, the Director of the Bureau of Foods and Chemists, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

FEEDING STUFFS CLASSES	SAMPLES	BRANDS	GUARAN- TEED	PROTEIN P. CT.	FAT P. CT.	FIBER P. CT.	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Cocoanut Oil Meal	1	1	1	21.06	5.13	9.63	34.00	---	---	---
Corn Oil Meal	1	1	1	17.94	6.85	10.89	36.00	---	---	---
Cottonseed Meal	7	6	7	41.79	6.62	10.08	41.71	---	---	---
Linseed Oil Meal	5	5	5	34.75	6.02	8.21	38.00	---	---	---
Peanut Oil Meal	4	3	4	44.16	7.01	12.01	33.67	---	---	---
Soybean Oil Meal	7	4	6	44.74	4.64	6.06	39.43	---	---	---
Distillers' Dried Grains	4	4	4	30.03	6.49	9.93	40.50	---	---	---
Brewers' Dried Grains	5	5	5	26.94	6.27	15.80	31.00	---	---	---
Corn Gluten Feed	4	3	4	26.67	2.51	7.51	35.50	---	---	---
Corn Gluten Feed - Sweetened	2	2	2	21.41	2.61	7.61	33.00	---	---	---
Corn Gluten Meal	1	1	1	43.81	1.31	1.66	50.00	---	---	---
Cracked Corn	1	1	1	9.38	4.88	1.78	38.00	---	---	---
Hominy Feed	9	6	9	11.41	6.22	5.04	36.53	---	1	2
Wheat Bran	15	15	15	16.36	4.49	10.02	33.62	---	---	---
Wheat Middlings	14	14	14	16.84	4.16	4.82	36.95	---	2	2
Wheat Mixed Feed	2	2	2	18.29	5.05	7.40	33.00	---	---	---
Red Dog Wheat Flour	2	2	2	14.10	3.23	2.93	33.00	---	1	---
Alfalfa Meal	9	7	9	16.84	2.37	27.14	41.00	1	---	1
Oat Feed	4	3	4	5.47	1.78	28.83	24.50	1	---	---
Oatmeal	1	1	1	15.00	6.98	2.77	44.00	---	---	---
Dried Beet Pulp	4	1	4	9.61	0.69	19.91	38.67	---	---	---
Proprietary Dairy Feed	185	151	185	23.84	4.12	8.62	39.50	3	12	7
Proprietary Stock, Horse and Mule Feed	40	33	40	13.53	3.76	8.31	42.92	1	2	2
Proprietary Calf Meal	7	6	7	23.59	4.36	5.27	69.60	---	---	---
Proprietary Swine Feed	83	66	83	21.50	4.44	6.46	44.29	5	8	2
Corn and Oats Chop	7	7	7	11.08	4.20	6.99	38.50	---	2	7
Chop Feed	9	7	9	10.77	3.72	7.45	41.11	---	---	---
Proprietary Scratch Feed	37	37	37	11.31	3.14	2.84	42.21	---	---	1
Proprietary Mash Feed	416	350	416	20.38	4.79	6.30	50.27	---	5	---
Proprietary Small Animal Feed	71	65	67	---	---	---	---	3	10	17
Meat Meal	2	2	2	58.88	9.72	1.15	76.50	3	17	3
Meat and Bone Scraps	11	9	11	50.03	9.82	1.76	51.75	---	1	---
Fish Meal	5	5	5	60.51	8.19	1.03	76.00	1	---	---
Fish and Crab Meal	1	1	1	50.31	5.86	4.12	70.00	---	---	---
Steamed Bone	1	1	1	5.88	0.50	3.63	55.00	---	---	---
Miscellaneous Feed	8	8	8	---	---	---	---	---	---	---
TOTAL	985	835	980	---	---	---	---	18	61	44

KEY TO TABLE II SHOWING ANALYSES OF OFFICIAL SAMPLES

Table II shows in detail the results of analyses under the various classifications, together with their guarantees and a statement as to whether or not they were found to be "As Certified" upon microscopical examination.

Columns are provided for the found and guaranteed protein, fat, and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and subheadings:

OIL CAKE BY-PRODUCTS including Coconut Oil Meal, Corn Oil Meal, Cottonseed Meal, Linseed Oil Meal, Peanut Oil Meal and Soybean Oil Meal.

DISTILLERY AND BREWERY BY-PRODUCTS

MAIZE BY-PRODUCTS including Corn Gluten Feed, Corn Gluten Meal, Cracked Corn and Hominy Feed.

WHEAT OFFAL (with and without Ground Grain Screenings) including Wheat Bran, Wheat Middlings, Wheat Mixed Feed and Red Dog Wheat Flour.

ALFALFA MEAL

OAT BY-PRODUCTS

DRIED BEET PULP

PROPRIETARY MIXED FEEDS including Dairy Feed, Stock, Horse and Mule Feed, Calf Meal, Swine Feed, Chop Feed, Scratch Feed, Mash Feed and Small Animal Feed.

ANIMAL BY-PRODUCTS

MISCELLANEOUS FEED

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

4-40

10

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
<u>OIL CAKE PRODUCTS</u>	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>Cocoonut Oil Meal</u>							
THE PROCTER & GAMBLE DISTRIBUTING CO. Cincinnati, Ohio & C. Cocoonut Oil Meal (1784)	21.06	20.00	5.13	5.00	9.63	11.00	As Certified
<u>Corn Oil Meal</u>							
A. E. STALEY MANUFACTURING COMPANY Decatur, Illinois Staley's Corn Oil Meal (1777)	17.94	18.00	6.85	5.00	10.89	11.00	Aa Certified
<u>Cottonseed Meal</u>							
ASHCRAFT-WILKINSON COMPANY Atlanta, Georgia ow-eta Brand 41% Prime Quality Cottonseed Meal (1496)	40.06	41.00	6.70	5.00	11.78	13.00	As Certified
ow-eta Brand 43% Prime Quality Cottonseed Meal (1573)	47.06	43.00	7.97	5.25	7.70	12.00	As Certified
HUMPHREYS-GODWIN COMPANY Memphis, Tennessee ixie Brand Prime 41% Protein Cottonseed Meal (1514)	41.19	41.00	6.06	5.00	10.32	12.00	As Certified
L. B. LOVITT & COMPANY Memphis, Tennessee ovit Brand 41% Protein Cottonseed Meal - Prime Quality (1594)	41.81	41.00	6.86	5.00	9.73	13.00	As Certified
PERKINS OIL COMPANY, INC. Memphis, Tennessee lden Rod Brand Cottonseed Meal (1549)	41.25	41.00	6.03	5.00	10.40	12.00	As Certified
lden Rod Brand Cottonseed Meal (1742)	41.13	41.00	7.13	5.00	10.73	12.00	As Certified
SWIFT & COMPANY (OIL MILLS) Memphis, Tennessee otton Bloom 41% Protein Cottonseed Meal - Prime Quality (2249)	40.00	41.00	5.60	5.00	9.90	13.00	Ae Certified
Average	41.79	-----	6.62	----	10.08	-----	
<u>Linseed Oil Meal</u>							
ARCHER-DANIELS-MIDLAND COMPANY Minneapolis, Minnesota % Protein Old Process Linseed Meal (2070)	35.00	32.00	5.61	4.50	7.96	9.00	Aa Certified
% Protein Old Process Linseed Meal (1568)	37.75	37.00	5.46	4.50	7.66	9.00	As Certified
JOHN T. LEWIS & BROTHERS COMPANY Philadelphia, Pa. tch Boy Old Process 32% Protein Linseed Meal (1827)	32.41	32.00	6.27	4.50	8.45	10.00	Ae Certified
PITTSBURGH PLATE GLASS COMPANY Newark, New Jersey d Wing 32% Protein Old Process Linseed Meal (1564)	34.19	32.00	6.03	4.50	9.07	9.00	As Certified
THE SHERWIN-WILLIAMS COMPANY Cleveland, Ohio re Old Process Linseed Meal (2254)	34.38	34.00	6.71	4.50	7.93	9.00	As Certified
Average	34.75	-----	6.02	----	8.21	----	
<u>Peanut Oil Meal</u>							
E. T. ALLEN CO., Atlanta, Georgia lire 41% Protein Peanut Meal - Prime Quality (1534)	42.44	41.00	7.46	6.00	8.72	16.00	As Certified
ASHCRAFT-WILKINSON COMPANY Atlanta, Georgia -Pro Brand Prime Peanut Meal 41% (1492)	45.13	41.00	6.94	6.00	9.81	16.00	Ae Certified
-Pro Brand Prime Peanut Meal 41% (1771)	47.00	41.00	6.41	6.00	11.07	16.00	Ae Certified
THE SOUTHERN COTTON OIL COMPANY Cordele, Georgia -Co Brand 41% Protein Peanut Meal - Prime Quality (1770)	42.06	41.00	7.23	5.00	18.44	20.00	Ae Certified
Average	44.16	-----	7.01	----	12.01	-----	
<u>Soybean Oil Meal</u>							
ARCHER-DANIELS-MIDLAND COMPANY Minneapolis, Minnesota her Brand 41% Protein Soybean Oil Meal (1551)	44.56	41.00	4.29	4.00	6.25	7.00	Ae Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Archer Brand 41% Protein Soybean Oil Meal (1572)	44.50	41.00	4.83	4.00	5.38	7.00	As Certified
CENTRAL SOYA COMPANY, INC. Fort Wayne, Indiana							
Central Soybean Oil Meal (1562)	43.69	41.00	4.52	4.00	6.85	7.00	As Certified
Central Soybean Oil Meal (1589)	45.56	-----	4.58	-----	5.57	-----	As Certified
Central Soybean Oil Meal (1744)	44.00	41.00	4.62	4.00	5.98	7.00	As Certified
SOYA PROCESSING CO., Wooster, Ohio							
Wooster 41% Soybean Oil Meal (1857)	45.94	41.00	5.33	4.00	6.14	7.00	As Certified
A. E. STALEY MANUFACTURING COMPANY Decatur, Illinois							
Staley's 41% Protein Soybean Oil Meal (2302)	44.94	41.00	4.32	3.50	6.28	7.00	As Certified
Average	44.74	-----	4.64	----	6.06	----	
<u>DISTILLERY AND BREWERY BY-PRODUCTS</u>							
<u>Distillers' Dried Graine</u>							
THE NEUMOND CO., St. Louis, Missouri							
Neumond 28% Corn Distillers' Grain (1575)	28.81	28.00	9.82	8.00	14.17	15.00	As Certified
A. OVERHOLT & COMPANY, INC. Broad Ford, Pa.							
Rye Distillers' Dried Grains (2251)	29.44	26.00	3.90	4.00	9.91	18.00	As Certified
HIRAM WALKER & SONS, INC. Peoria, Illinois							
Corn Distillers' Dried Graine (1769)	28.00	28.00	10.62	6.00	8.50	10.00	As Certified
New Process Corn Distillers' Dried Graine (2252)	33.88	30.00	1.63	1.00	7.15	10.00	As Certified
Average	30.03	-----	6.49	----	9.93	-----	
<u>Brewers' Dried Grains</u>							
C. J. MARTENIS GRAIN COMPANY New York, N. Y.							
Alco Dried Brewer Grains (1519)	26.75	24.00	7.14	6.00	16.22	20.00	As Certified
THE NEUMOND CO., St. Louis, Missouri							
Neumond Dried Brewers' Grains (1567)	24.06	24.00	5.90	4.50	18.03	18.00	As Certified
STEGMAIER BREWING COMPANY Wilkes-Barre, Pa.							
Dried Brewery Grain (1491)	31.13	25.00	6.64	5.00	13.67	16.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Red Letter Brand Dried Brewere' Graine (1532)	25.63	24.00	6.57	6.00	16.42	19.00	As Certified
WENDT GRAIN CO., Edwardsburg, Mich.							
Drewrys Brewers' Dried Graine (1516)	27.13	24.00	5.08	5.00	14.69	16.00	As Certified
Average	26.94	-----	6.27	----	15.80	-----	
<u>MAIZE BY-PRODUCTS</u>							
<u>Corn Gluten Feed</u>							
AMERICAN MAIZE-PRODUCTS COMPANY Roby, Indiana							
Cream of Corn Cluten Feed (2275)	26.50	23.00	3.32	2.00	7.74	9.50	As Certified
CORN PRODUCTS REFINING COMPANY New York, N. Y.							
Buffelo Corn Gluten Feed (1563)	24.69	23.00	2.45	2.00	8.12	8.50	As Certified
Buffalo Corn Cluten Feed (2301)	26.50	23.00	2.34	2.00	8.21	8.50	As Certified
A. E. STALEY MANUFACTURING COMPANY Decatur, Illinois							
Staley's Corn Gluten Feed (2255)	29.00	25.00	1.92	1.50	5.98	8.00	As Certified
Average	26.67	-----	2.51	----	7.51	----	
<u>Corn Cluten Feed - Sweetened</u>							
AMERICAN MAIZE-PRODUCTS COMPANY Roby, Indiana							
Amazo Sweetened Cluten Feed (1603)	20.63	18.00	3.55	1.50	9.01	9.50	As Certified
CLINTON COMPANY, Clinton, Iowa							
Clinton Sweetened Corn Cluten Feed (1587)	22.19	18.00	1.67	1.50	6.21	8.50	As Certified
Average	21.41	-----	2.61	----	7.61	----	

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>Corn Gluten Meal</u>							
CORN PRODUCTS REFINING COMPANY New York, N. Y. Diamond Corn Gluten Meal (2256)	43.81	41.00	1.31	1.00	1.66	6.00	As Certified
<u>Cracked Corn</u>							
JOHN W. ESHELMAN & SONS Lancaster, Pa. Red Rose Steel Cut Corn (1791)	9.3B	8.00	4.88	3.00	1.78	4.00	As Certified
<u>Hominy Feed</u>							
EVANS MILLING CO., Indianapolis, Ind. Mco Hominy Feed (1607)	12.38	10.00	6.09	6.00	4.97	7.00	As Certified
GENERAL FOODS CORP., Kankakee, Ill. Hurt's Hominy Feed (1571)	12.75	10.00	6.69	6.00	5.19	6.00	As Certified
ILLINOIS CEREAL MILLS, INC. Paris, Illinois Hominy Feed (1560)	11.25	10.00	5.32	6.00	4.29	5.00	As Certified
Hominy Feed (1763)	11.94	10.00	6.96	6.00	5.16	5.00	As Certified
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa. Choice Steam Cooked Flakeline (Coarse Hominy Feed) (2296)	10.68	10.00	6.61	4.00	4.52	9.00	As Certified
Choice Steam Cooked Hominy Feed (2295)	10.56	10.00	6.45	5.00	4.28	5.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Yellow Hominy Feed (1750)	10.38	10.00	5.91	5.00	5.17	5.00	As Certified
Yellow Hominy Feed (1772)	11.19	10.00	5.62	5.00	5.78	5.00	As Certified
Yellow Hominy Feed (1921)	11.38	10.00	6.32	5.00	6.00	5.00	As Certified
Average	11.41	-----	6.22	----	5.04	----	
<u>WHEAT OFFAL</u>							
<u>Wheat Bran</u>							
With and Without Ground Grain Screenings)							
COMMANDER-LARABEE MILLING COMPANY Minneapolis, Minnesota Unfed Wheat Bran with Ground Screenings not exceeding Mill Run (1743)	17.25	14.00	5.55	4.00	11.41	12.00	As Certified
DREYER COMMISSION CO., St. Louis, Mo. Tycow Wheat Bran with Screenings (1593)	16.06	14.50	4.49	3.50	10.18	10.00	As Certified
D. D. FRITCH MILLING COMPANY Macungie, Pa. Wheat Bran with Mill Run Screenings (2012)	15.88	16.00	4.04	3.50	8.76	11.00	As Certified
GENERAL MILLS, INC. Minneapolis, Minn. Shburn's Gold Medal Hard Wheat Bran and Wheat Screenings (1432)	15.94	14.00	4.13	3.50	9.96	12.00	As Certified
Shburn's Gold Medal Wheat Bran (1740)	16.38	15.00	4.73	3.50	10.36	11.00	As Certified
INTERNATIONAL MILLING COMPANY Minneapolis, Minnesota Ackhawk Pure Wheat Bran (2069)	16.88	15.00	5.13	3.20	11.16	12.00	As Certified
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa. Wheat Bran with Screenings not exceeding Mill Run (2294)	14.94	13.00	4.00	4.00	8.61	10.00	As Certified
THE MOORE-LOWRY FLOUR MILLS COMPANY Kansas City, Missouri Pure Wheat Bran (1847)	16.63	14.00	4.29	3.50	9.45	11.00	As Certified
PARRISH & HEIMBECKER, LTD. Toronto, Canada Rhein Pure Wheat Bran (1831)	16.81	15.00	4.86	3.50	11.84	11.50	As Certified
PILLSBURY FLOUR MILLS COMPANY Minneapolis, Minnesota Pillsbury's Hard Wheat Bran with Ground Wheat Screenings not exceeding Mill Run (1509)	18.25	14.00	4.96	4.00	10.75	12.00	As Certified
THE SHELLSARGER MILL & ELEVATOR CO. Salina, Kansas Wheat Bran & Ground Wheat Screenings (1783)	16.19	14.50	4.66	3.50	10.45	11.00	As Certified
STANDARD MILLING CO., Chicago, Ill. Turkey Pure Wheat Bran (1849)	16.38	15.00	4.22	3.50	9.86	10.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	
F. W. STOCK & SONS, Hillsdale, Mich. Stock's Wheat Bran 13 $\frac{1}{2}$ % (1828)	14.56	13.50	3.84	2.75	8.09	10.00	As Certified
Stock's Wheat Bran 17 $\frac{1}{2}$ % (1757)	18.06	17.50	4.79	4.00	10.06	10.00	As Certified
VOLANT MILLS, Volant, Pa. Pure Wheat Bran (1552)	15.13	14.00	3.66	3.50	9.41	10.00	As Certified
Average	16.36	-----	4.49	----	10.02	-----	
<u>Wheat Middlings</u>							
(With and Without Ground Grain Screenings)							
R. S. ALTMAN, Irwin, Pa. Altman's Trojan Flour Middlings (1421)	14.81	15.00	3.49	3.00	4.63	3.50	As Certified
BAY STATE MILLING CO., Winona, Minn. Wingold Hard Wheat Flour Middlings and Wheat Screenings (1792)	19.75	16.00	5.00	4.00	5.41	6.00	As Certified
CITY FLOURING MILLS, INC., Muncy, Pa. Wheat Middling (1595)	15.75	14.00	4.06	4.00	3.85	6.00	As Certified
B. A. ECKHART MILLING COMPANY Chicago, Illinois Pure Wheat Flour Middling (1996)	19.38	15.00	4.23	3.00	4.52	6.00	As Certified
GENERAL MILLS, INC. Minneapolis, Minn. Washburn's Gold Medal Hard Wheat Flour Middlings & Ground Wheat Screen- ings not exceeding Mill Run (1739)	17.19	16.00	4.19	4.00	8.28	6.00	As Certified
INTERNATIONAL MILLING COMPANY Minneapolis, Minnesota Blackhawk Wheat Flour Middlings (1974)	18.00	16.00	4.00	3.50	3.38	4.00	As Certified
MINER-RILLARD MILLING COMPANY Wilkes-Barre, Pa. Wheat Middlings with Screenings not ex- ceeding Mill Run (2293)	15.19	15.00	4.20	5.00	4.48	7.00	As Certified
White Wheat Middlings (2292)	15.50	12.00	3.78	1.00	1.46	3.00	As Certified
MONTANA FLOUR MILLS COMPANY Cleveland, Ohio Montco Standard Middlings with Ground Screenings not exceeding Mill Run (1919)	17.94	16.00	4.07	4.00	6.97	9.00	As Certified
NATIONAL MILLING BRANCH OF THE NATIONAL BISCUIT CO., Toledo, Ohio Tolio (Wheat Middlings and Wheat Flour with Ground Screenings not exceeding Mill Run) (1431)	15.19	15.00	3.27	3.50	3.90	6.00	As Certified
PILLSBURY FLOUR MILLS COMPANY Minneapolis, Minnesota Pillsbury's Hard Wheat A Middlings with Ground Wheat Screenings not exceeding Mill Run (1508)	19.69	16.00	5.12	4.00	4.84	6.00	As Certified
UNITED MILLS COMPANY, INC. Kansas City, Kansas U.M.C. Wheat Middlings with Ground Screen- ings not exceeding Mill Run (1674)	15.75	16.50	4.25	5.00	6.53	7.50	As Certified
VOLANT MILLS, Volant, Pa. Pure Wheat Middling (1553)	16.81	16.00	4.43	4.00	5.46	8.00	As Certified
C. Y. WAGNER & CO., Bellefonte, Pa. Pure Wheat Middlings (1861)	14.81	15.00	4.21	4.00	3.85	7.00	As Certified
Average	16.84	-----	4.16	----	4.82	----	
<u>Wheat Mixed Feed</u>							
EASTERN SEMOLINA MILLS, INC. Baldwinsville, N. Y. Dairy Special Fancy Mixed Wheat Feed with Mill Run Ground Screenings (1565)	17.69	15.50	5.00	5.00	6.49	8.00	As Certified
RUSSELL-MILLER MILLING COMPANY Minneapolis, Minnesota Hard Wheat Occident Mixed Feed (1569)	18.88	15.00	5.09	4.50	8.31	9.50	As Certified
Average	18.29	-----	5.05	----	7.40	----	

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>Red Dog Wheat Flour</u>							
R. S. ALTMAN, Irwin, Pa. Altman's Red Dog Middlings (1846)	13.75	14.00	2.40	3.00	3.09	4.00	As Certified
FINGER LAKES & HUDSON FLOUR MILLS, INC. Geneva, N. Y. Gangaroo Red Dog (1781)	14.44	13.00	4.06	3.50	2.78	4.00	As Certified
Average	14.10	-----	3.23	----	2.93	----	
<u>ALFALFA MEAL</u>							
THOMAS H. AVERY, Le Roy, N. Y. John Greenleaf Whittier Brand Alfalfa Meal (1782)	17.88	17.00	2.44	1.50	27.76	25.00	As Certified
GREEN ACRE FARMS, Nazareth, Pa. Green Acre Brand Super-Quality Alfalfa Meal (2072)	17.44	17.00	2.59	2.00	26.75	27.00	As Certified
KEYSTONE DEHYDRATING COMPANY Nazareth, Pa. Keystone Super-Green Dehydrated Alfalfa Meal (2248)	17.13	17.00	2.64	2.00	22.54	25.00	As Certified
MEADOW BROOK FARMS, Nazareth, Pa. Meadow Brook Farms Brand Superior Alfalfa Meal (1500)	19.13	17.00	2.25	2.00	25.93	27.00	As Certified
Meadow Brook Farms Brand Superior Alfalfa Meal (1598)	16.00	17.00	2.45	2.00	25.18	27.00	As Certified
PECOS VALLEY ALFALFA MILL COMPANY Chandler, Arizona Pecos Special Alfalfa Meal (1780)	12.50	13.00	1.54	1.50	33.63	33.00	As Certified
SAUNDERS MILLS, INC., Toledo, Ohio Arotene Brand Dehydrated Alfalfa Leaf Meal 17% (1520)	18.38	17.00	2.66	1.50	26.81	28.00	As Certified
Arotene Brand Dehydrated Alfalfa Leaf Meal 17% (2274)	14.56	17.00	2.34	1.50	28.84	28.00	As Certified
TREXLER FARMS, Allentown, Pa. Buffalo Brand 17% Fancy Fine Ground Dehydrated Alfalfa Meal (2013)	18.56	17.00	2.40	2.00	26.87	27.00	As Certified
Average	16.84	-----	2.37	----	27.14	-----	
<u>OAT BY-PRODUCTS</u>							
<u>Oat Feed</u>							
CHECKERBOARD ELEVATOR COMPANY St. Louis, Missouri Oat Mill Feed (Oat Middlings, Oat Hulls, Oat Shorts) (2030)	5.63	5.00	1.63	1.50	29.03	30.00	As Certified
HECKER PRODUCTS CORP., Buffalo, N. Y. Oat Mill Feed (1775)	6.38	6.00	1.95	1.50	28.41	28.00	As Certified
Oat Mill Feed (2257)	7.19	6.00	2.37	1.50	25.49	28.00	As Certified
NORTHERN ILLINOIS CEREAL COMPANY Lockport, Illinois Oat-Ground Oat Feed (1605)	2.69	3.50	1.18	1.25	32.41	35.00	As Certified
Average	5.47	----	1.78	----	28.83	-----	
<u>Oatmeal</u>							
THE QUAKER OATS CO., Chicago, Ill. North Star Oatmeal (1786)	15.00	15.00	6.98	5.00	2.77	3.75	As Certified
<u>DRIED BEET PULP</u>							
LARROWE MILLING CO., Detroit, Mich. Dried Beet Pulp (1561)	8.75	7.00	0.89	0.30	20.08	22.50	As Certified
Dried Beet Pulp (1592)	10.31	7.00	0.66	0.30	19.92	22.50	As Certified
Dried Beet Pulp (1761)	9.81	7.00	0.65	0.30	19.99	22.50	As Certified
Dried Beet Pulp (1764)	9.56	7.00	0.55	0.30	19.68	22.50	As Certified
Average	9.61	----	0.69	----	19.91	-----	
<u>MIXED FEEDS--PROPRIETARY AND MISCELLANEOUS</u>							
<u>Proprietary Dairy Feed</u>							
ALLIED MILLS, INC., Chicago, Illinois 100% 24% Dairy Feed (1337)	25.81	24.00	4.59	4.00	7.22	9.00	As Certified
100% 24% Dairy Feed (1969)	25.81	24.00	4.90	4.00	7.52	9.00	As Certified
100% Sucrene 17% Dairy Feed (1850)	19.69	17.00	3.09	3.00	10.47	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Amco Sucrene 20% Dairy Feed (1356)	21.44	20.00	3.78	3.50	9.00	12.00	As Certified
Amco Sucrene 24% Dairy Feed (1851)	25.63	24.00	4.22	3.50	8.65	12.00	As Certified
Amco 32% Supplement Dairy Feed (1341)	32.94	32.00	4.08	4.00	5.99	9.00	As Certified
Amco 32% Supplement Dairy Feed (1853)	33.88	32.00	4.40	4.00	6.47	9.00	As Certified
Ideal 16% Dairy Feed (1340)	19.94	16.00	3.49	3.00	8.82	12.00	As Certified
Ideal 16% Dairy Feed (1858)	21.00	16.00	3.54	3.00	8.96	12.00	As Certified
Topper 16% Dairy Feed (2181)	19.44	16.00	3.35	3.00	7.21	12.00	As Certified
R. S. ALTMAN, Irwin, Pa.							
Altman's 16% Dairy Ration (1423)	21.19	16.00	3.88	3.00	8.37	12.00	As Certified
Altman's 16% Dairy Ration (1901)	20.19	16.00	3.13	3.00	9.18	12.00	As Certified
Altman's 20% Dairy Ration (1835)	23.56	20.00	3.48	3.50	8.01	12.00	As Certified
Altman's 20% Dairy Ration (1886)	22.81	20.00	4.45	3.50	9.02	12.00	As Certified
Altman's 20% Dairy Ration (1903)	23.75	20.00	3.58	3.50	8.68	12.00	As Certified
Altman's 20% Dairy Ration (2156)	23.88	20.00	3.78	3.50	8.11	12.00	As Certified
Altman's 24% Dairy Ration (1422)	26.25	24.00	4.16	3.50	7.53	12.00	As Certified
Altman's 24% Dairy Ration (1799)	23.50	24.00	3.50	3.50	9.59	12.00	As Certified
Altman's 24% Dairy Ration (1885)	24.00	24.00	3.35	3.50	8.73	12.00	As Certified
Altman's 24% Dairy Ration (1907)	25.56	24.00	3.57	3.50	8.35	12.00	As Certified
Altman's 32% Dairy Concentrate (1884)	35.50	32.00	3.17	4.00	6.18	10.00	As Certified
Altman's 32% Dairy Concentrate (1892)	33.88	32.00	4.04	4.00	6.48	10.00	As Certified
Altman's Super A 20% Milkera Ration (1898)	22.38	20.00	3.87	3.75	7.12	10.00	As Certified
GEORGE M. ANTHONY, Strausstown, Pa.							
Anthony's Perfectly Balanced Dairy Feed (1866)	20.94	20.00	4.51	3.50	8.06	9.00	As Certified
ARCADY FARMS MILLING COMPANY Chicago, Illinois							
Seebet 16% Dairy Feed (2165)	17.19	16.00	5.15	2.50	11.51	13.50	As Certified
BANNER FLOUR MILLS, Fairchance, Pa.							
Banner 20% Dairy Ration (1727)	22.56	20.00	3.78	3.50	7.94	10.00	As Certified
Banner 20% Dairy Ration (2166)	20.50	20.00	3.74	3.50	7.99	10.00	As Certified
BEDFORD MILLING CO., Bedford, Pa.							
Farm King 16% Dairy (1397)	16.75	16.00	3.19	3.00	8.73	12.00	As Certified
Farm King 16% Dairy (2243)	17.00	16.00	3.29	3.00	10.78	12.00	As Certified
Farm King 20% Dairy (1398)	22.13	20.00	3.36	3.50	8.49	11.00	As Certified
Farm King 20% Dairy (2242)	21.50	20.00	3.74	3.50	9.05	11.00	As Certified
Farm King 24% Dairy (1399)	22.88	24.00	3.44	3.00	8.17	12.00	As Certified
Farm King 24% Dairy (2244)	25.94	24.00	2.68	3.00	8.70	12.00	As Certified
Port Bedford 20% Cowdiet (1402)	22.06	20.00	3.70	4.00	5.98	8.00	As Certified
Port Bedford Dry & Freshening (1400)	13.06	12.00	2.88	2.50	8.53	12.00	As Certified
Port Bedford 34% Farm Mix (1405)	34.38	34.00	4.09	4.00	5.35	7.00	As Certified
Port Bedford 20% Milkolene (2241)	22.94	20.00	3.25	3.50	6.99	9.00	As Certified
BELLEVILLE FLOUR MILLS COMPANY Belleville, Pa.							
Belleville 32% Mixture (1495)	34.06	32.00	4.66	5.00	7.31	10.00	As Certified
BROWN & FASSETT, Tunkhannock, Pa.							
8. & F. Dairy Ration (2067)	23.88	23.00	4.22	4.00	8.21	9.00	As Certified
8. & F. Milk Ration (2068)	19.50	18.00	3.55	3.50	10.06	11.00	As Certified
F. M. BROWN'S SONS Sinking Spring, Pa.							
Brown's 16% Dairy Feed (2095)	17.19	16.00	3.51	2.50	11.00	11.00	As Certified
Brown's 24% Dairy Feed (2096)	28.38	24.00	2.98	4.00	7.09	9.00	As Certified
Brown's 32% Mixing Supplement (2094)	34.75	32.00	3.51	4.50	7.99	8.50	As Certified
JOHN S. BROWN'S SON, New Castle, Pa.							
Our Quality 24% Dairy Ration (1798)	25.38	24.00	3.45	4.00	6.50	10.00	As Certified
Our Quality 32% Dairy Ration (1797)	31.44	32.00	3.95	3.50	7.78	9.00	As Certified
THE BUCKEYE CEREAL COMPANY Massillon, Ohio							
32% Buckeye Malto Dairy Feed (1943)	36.00	32.00	3.32	3.00	6.52	9.00	As Certified
CANONSBURG MILLING COMPANY Canonsburg, Pa.							
CMC 20% Dairy Feed (1712)	22.00	20.00	4.31	4.00	7.74	9.00	As Certified
CMC 24% Dairy Feed (2198)	21.63	24.00	4.01	4.00	6.53	9.00	As Certified
CITY FLOURING MILLS, INC., Muncy, Pa.							
Muncy 20 Dairy (1601)	20.31	20.00	3.95	4.00	7.96	11.00	As Certified
Muncy 32 Dairy (1602)	34.50	32.00	4.87	4.00	7.91	11.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
20% Cow Feed (1583)	23.44	20.00	4.39	3.50	7.82	10.00	As Certified
30% Dairy Supplement (1482)	32.06	30.00	4.75	4.00	7.18	10.00	As Certified
34% Dairy Supplement (1481)	35.31	34.00	4.50	4.00	6.20	10.00	As Certified
Dry & Freshening Ration (1767)	13.75	11.00	2.69	2.25	11.05	12.00	As Certified
Exchange Dairy (2219)	20.69	20.00	4.00	3.00	7.56	9.00	As Certified
Milk Maker (1582)	24.50	24.00	5.44	4.00	7.38	9.00	As Certified
Milk Maker (2216)	25.44	24.00	3.32	3.00	8.72	9.00	As Certified
Super Exchange Dairy (1586)	21.00	20.00	5.85	4.50	6.37	9.50	As Certified
Super Exchange Dairy (2220)	20.31	20.00	5.14	4.50	7.40	9.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

20-4-40

19

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
DEAN & LEE, Horseheads, N. Y. Pioneer Dairy Ration (1590)	24.31	24.00	4.59	4.50	9.64	9.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa. Diamond 20% Dairy Ration (1979)	22.69	20.00	4.68	4.00	12.04	12.00	As Certified
DIETRICH & GAMBRILL, INC. Frederick, Maryland Pen Mar 32% Dairy Feed (2298)	34.94	32.00	4.93	4.00	10.00	9.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Springfield, Mass. Fulpeil (1684) Fulpeil (1929) Highland 20 (1926) Milkmore (1686) Milkmore (1928) Supplement Feed 32% (1683) Supplement Feed 32% (1933)	21.69 21.56 25.88 26.13 27.00 34.13 32.81	20.00 20.00 20.00 24.00 24.00 32.00 32.00	4.54 4.64 4.97 5.17 5.36 6.08 6.31	4.00 4.00 4.00 4.50 4.50 6.00 6.00	7.00 6.89 9.12 7.29 7.31 6.72 7.26	8.50 8.50 11.50 8.50 8.50 8.00 8.00	As Certified As Certified As Certified As Certified As Certified As Certified As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa. Conestoga 20 Dairy Feed (1637) Maintenance 16% Dairy Feed (1789) Maintenance 20% Dairy Feed (1787) Maintenance 24% Dairy Feed (1788) Penny 16 Dairy Feed (1638) Red Rose 16% Dairy Feed (2171) Red Rose 24% Dairy Feed (1639) Red Rose 24% Dairy Feed (1982) Red Rose 32 Mixing Ration (1641)	20.88 18.25 23.13 26.06 20.00 19.75 25.25 27.25 33.50	20.00 16.00 20.00 24.00 16.00 16.00 24.00 24.00 32.00	5.09 5.08 4.04 4.13 4.35 5.10 4.49 4.54 4.74	4.00 3.00 4.00 4.00 3.00 4.50 4.00 4.00 4.50	10.49 12.92 12.25 11.47 9.20 8.51 8.41 7.72 7.20	11.00 11.00 11.00 11.00 11.00 11.00 11.00 11.00 9.00	As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified As Certified
FARM BUREAU MILLING COMPANY Manheim, Pa. Milk Maker 18% Protein (2194) Milk Maker 20% Protein (1745) Milk Maker 24% Protein (1741)	20.56 20.69 23.75	18.00 20.00 24.00	4.47 4.47 4.57	4.00 4.00 4.00	7.69 7.60 8.48	9.00 9.00 9.00	As Certified As Certified As Certified
D. D. FRITCH MILLING COMPANY Macungie, Pa. XXXX Fancy 16% Dairy Feed (2016) XXXX Fancy 24% Dairy Feed (2017)	17.88 27.06	16.00 24.00	4.36 3.34	3.00 3.50	6.39 5.94	8.00 9.00	As Certified As Certified
P. B. FURRY, Loysburg, Pa. Furry's Beet Pulo Dairy Feed (1525) Furry's 20% Economy Dairy Feed (1523)	22.81 21.94	20.00 20.00	4.22 4.18	4.00 4.00	9.04 11.16	11.00 11.00	As Certified As Certified
GEHMAN BROTHERS, Denver, Pa. Gehman Dairy Feed 16% (2111) Gehman Dairy Feed 24% (2108)	19.31 24.69	16.00 24.00	3.07 4.03	3.00 4.00	11.06 9.05	10.00 10.00	As Certified As Certified
GENERAL MILLS, INC. Minneapolis, Minn. Farm Service 20% Dairy (1606)	22.38	20.00	4.46	3.50	7.66	12.00	As Certified
GIBBLE & EBLING, Bethel, Pa. G. & E. Diamond 32% Dairy Supplement (1875) G. & E. Rich Cream 24% Milk Maker (1874)	34.00 26.94	32.00 24.00	5.12 4.68	4.50 5.00	8.71 9.34	10.00 11.00	As Certified As Certified
G. & M. MILLING COMPANY West Wyoming, Pa. 20% Dairy Feed (2060)	19.56	20.00	5.26	5.00	8.52	10.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y. Milky Way Dairy Feed 24% (1511)	27.13	24.00	3.32	2.75	8.19	9.00	As Certified
F. D. HARTZEL'S SONS COMPANY Chalfont, Pa. Perfection 17% Dairy Feed (2024) Perfection 24% Dairy Feed (2023)	18.13 24.56	17.00 24.00	5.81 5.33	3.50 3.50	10.32 7.84	10.00 9.00	As Certified As Certified
THE HERRMAN-McLEAN COMPANY Cleveland, Ohio Ohio 24% Dairy Ration (2160)	24.00	24.00	3.27	3.00	7.58	12.00	As Certified
HESPENHEIDE & THOMPSON, INC. York, Pa. Dictator 24% Dairy Feed (1518) Premier 16 Dairy Feed (1517)	28.06 18.44	24.00 16.00	4.23 4.08	3.50 3.00	7.45 9.14	12.00 12.00	As Certified As Certified
J. F. HOGSETT & SONS, Uniontown, Pa. Hogsett's 20% Dairy Feed (1707) Hogsett's 24% Dairy Feed (2170) Hogsett's 32% Dairy Feed (1708)	22.00 25.06 33.75	20.00 24.00 32.00	4.07 3.94 4.20	3.50 3.50 4.50	10.02 9.26 9.12	12.00 12.00 10.00	As Certified As Certified As Certified
FRED L. & JOHN E. HOMSHER Strasburg, Pa. Homsher's Dairy Feed (2101)	21.88	20.00	5.32	5.00	9.21	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
HUNTSINCER'S MILL, Hegins, Pa. Quality Dairy Ration 20% (1445)	21.56	20.00	4.25	4.50	8.55	10.00	As Certified
Quality Dairy Ration 24% (1452)	24.13	24.00	4.80	4.50	8.21	10.00	As Certified
KASCO MILLS, INC., Waverly, N. Y. Apex 20% Dairy Ration (1714)	21.31	20.00	5.16	3.50	9.65	12.00	As Certified
Apex 24% Dairy Feed (1715)	24.13	24.00	4.12	3.50	8.99	12.00	As Certified
F. S. KERN, Catawissa, Pa. Blue Ribbon 20% Dairy Feed (2138)	22.19	20.00	4.88	3.00	9.34	11.00	As Certified
Blue Ribbon 24% Dairy Feed (2135)	25.44	24.00	4.54	3.50	7.86	11.00	As Certified
Kernie's 32% Dairy Supplement (2136)	32.13	32.00	4.61	3.50	6.75	10.00	As Certified
Kernie's 32% Dairy Supplement (2297)	32.00	32.00	4.23	3.50	7.02	10.00	As Certified
Kernie's Sweet 16% Dairy Feed (2137)	18.00	16.00	4.97	2.80	10.06	11.00	As Certified
LARROWE MILLING CO., Detroit, Mich. Larro 16 Dairy Feed (1429)	17.13	16.00	3.38	3.00	10.31	11.00	As Certified
Larro The Ready Ration for Dairy Cows (1428)	21.88	20.00	4.13	3.75	9.74	12.00	As Certified
Larro The Ready Ration for Dairy Cows (1730)	21.31	20.00	4.14	3.75	10.27	12.00	As Certified
Larro The Ready Ration for Dairy Cows (1758)	21.56	20.00	4.15	3.75	9.35	12.00	As Certified
Larro The Ready Ration for Dairy Cows (1810)	21.94	20.00	4.10	3.75	9.39	12.00	As Certified
MARITIME MILLING CO., INC. Buffalo, N. Y. Hi-Test Dairy Feed 20% Protein - Sweetened (1579)	23.00	20.00	4.60	4.00	10.85	12.00	As Certified
Hi-Test Dairy Feed 24% Protein - Sweetened (1578)	26.56	24.00	4.66	4.00	9.16	12.00	As Certified
Marmico 16% Protein Dairy Feed with Molasses (1351)	19.13	16.00	3.80	4.00	11.98	12.00	As Certified
Marmico 16% Protein Dairy Feed with Molasses (1580)	19.06	16.00	4.83	4.00	10.70	12.00	As Certified
Marmico 16% Protein Dairy Feed with Molasses (2021)	18.63	16.00	4.04	4.00	11.09	12.00	As Certified
HARRY L. MARTIN, East Earl, Pa. Martin's 16% Dairy Feed (2115)	17.13	16.00	3.75	4.00	9.18	11.00	As Certified
Martin's 32% Dairy Feed (2112)	29.06	32.00	4.48	5.00	7.37	7.50	As Certified
McMILLEN FEED MILLS, INC. Fort Wayne, Indiana Master Mix 24% Dairy Feed (1345)	25.63	24.00	3.77	4.00	7.37	9.00	As Certified
Master Mix 32% Dairy Concentrate (1344)	34.06	32.00	2.61	2.00	6.13	9.00	As Certified
Master Mix 32% Dairy Concentrate (1949)	35.69	32.00	3.89	2.00	6.70	9.00	As Certified
Master Mixing Feed with 30% Molasses (1922)	27.88	24.00	2.86	2.50	7.74	8.00	As Certified
Master Mixing Feed with 30% Molasses (1944)	27.69	24.00	2.60	2.50	7.10	8.00	As Certified
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa. Mihimico Dairy Feed (2279)	24.69	20.00	4.97	4.00	7.18	8.00	As Certified
MOSCOW MILLING CO., Moscow, Pa. No. 1 Dairy Feed (2199)	25.56	24.00	3.83	3.00	7.21	9.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa. Cash & Carry 24% Dairy Ration (1669)	26.44	24.00	3.52	3.50	8.23	11.00	As Certified
Our Special 20% Dairy (1667)	24.63	20.00	3.51	3.00	8.25	11.00	As Certified
Sunside Brand Penn State Farmers Dairy Ration 81g 5 (1559)	27.50	24.00	3.73	4.00	7.95	9.00	As Certified
THE PARK & POLLARD CO., Buffalo, N. Y. Doublax 20% Dairy Ration (2204)	20.69	20.00	4.65	3.50	10.15	11.00	As Certified
Doublax 24% Dairy Ration (2212)	23.75	24.00	4.41	3.50	9.28	11.00	As Certified
Milkmaid 24% Sweetened Dairy Ration (2203)	25.50	24.00	4.11	4.00	7.39	10.00	As Certified
THE QUAKER OATS CO., Chicago, Ill. Quaker 20% Protein Dairy Ration (1749)	21.25	20.00	4.80	4.00	9.77	12.00	As Certified
Quaker 20% Protein Dairy Ration (1916)	21.00	20.00	4.67	4.00	10.05	12.00	As Certified
Quaker 24% Protein Dairy Ration (1917)	24.19	24.00	4.36	3.75	10.37	12.00	As Certified
Quaker 24% Protein Dairy Ration (2191)	24.06	24.00	4.86	3.75	9.94	12.00	As Certified
RALSTON PURINA CO., St. Louis, Mo. Purina Sulky-Las Chow (Buffalo Mill) (1645)	11.75	9.00	2.11	1.30	13.27	15.00	As Certified
Purina 20% Cow Chow (1650)	22.56	20.00	4.76	4.00	7.32	10.00	As Certified
Purina 24% Cow Chow (1652)	26.88	24.00	5.04	4.00	7.67	11.00	As Certified
Purina 34% Cow Chow Supplement (1829)	37.44	34.00	5.13	4.00	5.37	9.00	As Certified
Purina Milk Chow (20%) (1705)	22.69	20.00	4.22	3.50	8.32	11.00	As Certified
THE RICHARDS MILLING COMPANY Cortland, Ohio Richards 16% Dairy Feed (1426)	16.88	16.00	2.85	2.00	11.90	12.00	As Certified
Richards 20% Dairy Feed (1427)	20.63	20.00	2.96	3.00	9.25	10.00	As Certified
Richards 20% Dairy Feed (1456)	21.50	20.00	3.22	3.00	9.48	10.00	As Certified
Richards 32% Dairy Feed (2173)	33.13	32.00	4.32	3.00	7.00	10.00	As Certified
Richards Thrift Dairy Feed (1425)	25.13	24.00	4.01	3.00	6.71	10.00	As Certified
Success 24% Dairy Feed (1424)	23.38	24.00	3.15	3.00	9.63	11.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
H. ROCKWELL & SON, Canton, Pa. Canton 16% Dairy Ration (2266)	17.50	16.00	4.57	4.00	11.40	12.00	As Certified
Rockwell's High Protein Dairy Ration (226S)	25.06	23.00	4.26	4.00	7.62	9.00	As Certified
SACRAMENTO ROLLER MILLS Sacramento, Pa. Sacromill Dairy Feed (1357)	20.7S	20.00	4.80	4.00	8.39	11.00	As Certified
SCHOOLEY & SON, Luzerne, Pa. Green Clover Dairy Feed (1997)	22.7S	22.00	4.78	4.00	8.19	10.00	As Certified
Red Clover Dairy Feed (199B)	26.8B	24.00	4.77	4.00	8.0S	9.00	As Certified
R. A. SMITH MILLING COMPANY Northampton, Pa. Blue-Band 16% Dairy Feed (1B2S)	18.44	16.00	3.9B	3.50	10.24	11.50	As Certified
Blue-Band 20% Dairy Feed (1B24)	22.00	20.00	3.74	4.50	7.02	8.50	As Certified
Blue-Band 24% Dairy Feed (1B26)	27.2S	24.00	3.91	4.50	6.72	8.50	As Certified
Blue-Band 34% Dairy Feed (1B23)	36.31	34.00	4.03	3.50	4.8S	7.00	As Certified
SOMERSET MILLING CO., Somerset, Pa. Just Right 32% Dairy Supplement (1941)	34.13	32.00	4.49	4.00	8.61	10.00	As Certified
STEWART BROTHERS, Claysville, Pa. 16% Dairy Feed (1732)	18.63	16.00	3.29	4.00	9.11	12.00	As Certified
20% Dairy Feed (1731)	19.00	20.00	4.11	5.00	7.14	10.00	As Certified
SWINGLE BROTHERS, Lake Ariel, Pa. Direct 16% Dairy Ration (214S)	17.50	16.00	4.10	3.50	9.36	10.00	As Certified
Direct 20% Dairy Ration (214B)	21.7S	20.00	4.23	4.00	8.64	10.00	As Certified
Direct 24% Dairy Ration (2149)	23.8B	24.00	4.3S	4.00	7.9B	10.00	As Certified
W. M. TEMPLETON & SONS, Houston, Pa. Templeton's 20% Dairy Feed (171B)	20.56	20.00	3.5S	4.50	7.73	9.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y. 24% Creamatine (2031)	24.50	24.00	3.66	5.00	8.74	10.00	As Certified
Derby 24% Dairy Feed (20S1)	26.86	24.00	4.44	4.00	11.23	12.00	As Certified
Ti-O-Ga Big Bag (156B)	14.19	12.00	3.01	2.2S	14.74	14.50	As Certified
Ti-O-Ga E-Gee 20% Dairy Feed (2032)	22.7S	20.00	4.86	4.50	8.83	10.00	As Certified
VANDERVORT MILLS, Laceyville, Pa. Home Grain 20% Dairy Ration (2049)	17.69	20.00	4.0S	4.00	9.02	10.00	As Certified
Vandervort's 20% Special Dairy Ration (2042)	21.69	20.00	4.67	4.50	7.47	8.00	As Certified
VITALITY MILLS, INC., Chicago, Ill. Velvet Dairy Feed (1S39)	18.44	16.00	2.74	2.50	14.3S	12.00	As Certified
Vitality Brand 20% Milk Builder (1S4S)	19.3B	20.00	3.22	3.00	12.23	12.00	As Certified
Vitality Brand Record Maker 24% Dairy Feed (1S40)	26.31	24.00	2.84	3.00	8.21	11.00	As Certified
THE WADSWORTH FEED CO., Warren, Ohio Wadsworth's 16% Dairy Ration (19S7)	18.63	16.00	3.3B	3.00	13.51	14.00	As Certified
Wadsworth's Special Dairy Ration (1702)	21.31	20.00	3.42	3.00	12.0B	14.00	As Certified
Wadsworth's Special Dairy Ration (19SB)	19.8B	20.00	3.14	3.00	11.7B	14.00	As Certified
WARNER'S MILL, Alliance, Ohio Warner's Bulky Twenty Dairy Feed (1672)	19.94	20.00	2.97	3.50	12.4S	12.00	As Certified
WASHINGTON MILLING COMPANY Washington, Pa. C. & C. 20% Dairy Feed (1692)	21.2S	20.00	3.97	4.00	8.64	11.00	Found in addition charcoal.
WAYNESEURG MILLING COMPANY Waynesburg, Pa. 20% Dairy Feed (1721)	22.94	20.00	4.02	3.50	7.39	11.00	As Certified
20% Dairy Feed (217B)	22.2S	20.00	4.58	3.50	8.01	11.00	As Certified
WEST APOLLO MILLING CO., Apollo, Pa. Apollo's Best Dairy Feed (1B09)	18.94	16.00	4.27	4.00	7.73	11.00	As Certified
A. H. WHITE, Monroeton, Pa. White's Bradco Dairy Ration (2273)	21.63	20.00	3.63	4.00	8.1S	8.00	As Certified
ZECHMAN'S FLOUR MILLS Potts Grove, Pa. Zechman's 20% Milk Producer (2123)	18.69	20.00	5.47	5.1S	6.93	8.13	As Certified
Average	23.84	-----	4.12	-----	8.62	-----	
<u>Proprietary Stock, Horse and Mule Feed</u>							
ALLIED MILLS, INC., Chicago, Illinois Amco Fitting Ration (196B)	13.94	12.00	4.39	3.50	7.5S	9.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's Bulky Mix (with 15% Molasses) (180S)	16.50	14.00	1.62	2.00	13.7S	15.00	As Certified
Altman's Bulky Mix (with 15% Molasses) (1893)	16.8B	14.00	2.63	2.00	16.60	15.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Altman's Favorite Steer Feed (1896)	31.00	30.00	4.46	4.50	6.58	8.00	As Certified
Altman's Horse Feed (1804)	11.69	8.00	3.48	3.00	7.08	15.00	As Certified
Altman's Horse Feed (1890)	10.38	8.00	3.04	3.00	8.12	15.00	As Certified
ARCADY FARMS MILLING COMPANY Chicago, Illinois							
Arcady Beets-Oats Horse & Mule Feed (2164)	9.69	9.00	3.04	2.50	8.07	11.00	As Certified
BEDFORD MILLING CO., Bedford, Pa.							
Bedford Fitting Diet (1401)	13.75	12.00	3.35	4.00	5.81	8.00	As Certified
Bedford Weekly Diet (1392)	13.31	17.00	6.49	5.00	8.11	8.00	As Certified
Bedford Weekly Diet (2246)	15.81	17.00	6.28	5.00	7.30	8.00	As Certified
Farm King Sweet Roughage (1395)	12.00	10.00	2.70	2.00	9.74	15.00	As Certified
SLANK & GOTTSHALL CO., INC. Sunbury, Pa.							
S. & G. Horse Feed (1377)	10.06	10.00	3.56	3.00	8.40	8.00	As Certified
BROWN & FASSETT, Tunkhannock, Pa.							
S. & F. Fitting Ration (2066)	14.31	12.00	3.81	4.00	7.61	10.00	As Certified
S. & F. Sugared Horse Feed (2073)	9.00	9.00	3.38	3.00	11.91	12.00	As Certified
F. M. BROWN'S SONS Sinking Spring, Pa.							
Brown's Fitting Ration (2097)	16.00	14.00	3.63	3.50	7.71	8.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y.							
Fitting Ration (1478)	16.69	14.00	3.82	3.00	6.97	8.50	As Certified
Fitting Ration (2218)	17.94	14.00	4.02	3.00	7.58	8.50	As Certified
Horse Feed (2222)	13.88	9.00	4.25	3.00	6.35	9.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Springfield, Mass.							
Fitting Ration (1931)	15.50	14.00	4.29	3.50	7.90	8.50	As Certified
Horse Feed (1685)	11.19	10.50	4.31	3.50	6.52	7.00	As Certified
Horse Feed (1934)	11.38	10.50	3.84	3.50	6.58	7.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.							
Garden Spot Horse Feed (1636)	7.38	7.00	2.77	2.00	11.11	11.00	As Certified
Red Rose Fitting Ration (2174)	15.50	12.00	5.46	3.50	6.99	7.00	As Certified
Red Rose 85 Horse Feed (1635)	10.06	9.00	4.00	3.00	5.77	10.00	As Certified
THE BERRMAN-McLEAN COMPANY Cleveland, Ohio							
Portage Horse & Mule Feed (2161)	8.69	9.00	2.62	2.50	13.86	8.00	As Certified
F. B. KERN, Catawissa, Pa.							
Kern's Horse Feed (2139)	9.69	9.50	3.15	2.80	5.08	11.00	As Certified
THE MENHADEN FISH MEAL COMPANY Baltimore, Md.							
Diamond Sweet Molasses Meal (1515)	21.50	14.00	3.27	3.00	5.11	8.00	As Certified
THE PARK & POLLARD CO., Buffalo, N. Y.							
Yankee Horse Feed (2215)	10.50	10.00	3.95	3.50	7.04	9.00	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Quaker Green Cross Horse Feed (2192)	11.75	10.00	2.91	2.50	8.92	12.00	As Certified
Quaker Sugared Schumacher Feed (1353)	12.19	12.00	3.38	3.00	9.99	12.00	As Certified
Quaker Sugared Schumacher Feed (1913)	14.44	12.00	3.40	3.00	8.59	12.00	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Grainola Blue Checker Horse & Mule Feed (1706)	11.81	9.00	3.71	3.00	6.82	10.00	As Certified
THE RICHARDS MILLING COMPANY Cortland, Ohio							
Richards Horse Feed (1457)	10.00	9.00	3.25	3.00	8.15	10.00	As Certified
Richards Horse Feed (1760)	10.69	9.00	3.15	3.00	7.96	10.00	As Certified
H. ROCKWELL & SON, Canton, Pa.							
Rockwell's Fitting Ration (2270)	17.00	14.00	4.31	4.00	7.41	9.50	As Certified
SWINGLE BROTHERS, Lake Ariel, Pa.							
Direct Fitting Ration (2147)	12.69	12.00	3.91	3.50	8.05	10.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y.							
Derby Horse Feed (2050)	12.94	10.50	3.12	2.50	12.18	14.00	As Certified
Or-Co Feed (1574)	20.19	18.00	5.21	3.00	11.09	12.00	As Certified
VANDERVORT MILLS, Laceyville, Pa.							
Vandervort's 12% Fitting Ration (2041)	14.00	13.00	5.20	4.25	6.81	7.00	As Certified
VITALITY MILLS, INC., Chicago, Ill.							
Honey Bee Horse Feed (85% Grain) (1542)	9.25	9.00	3.31	3.00	5.60	10.00	As Certified
Average	13.53	-----	3.76	----	8.31	-----	

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>Proprietary Calf Meal</u>							
R. S. ALTMAN, Irwin, Pa. Altman's Calf Meal (1418)	24.38	18.00	4.36	3.00	4.82	4.50	Found in addition screenings.
Altman's Calf Meal (1887)	23.06	18.00	4.27	3.00	5.41	4.50	Found in addition charcoal.
BLANK & GOTTSCHALL CO., INC. Sunbury, Pa. B. & G. 22% Calf Meal (1379)	27.50	22.00	5.28	4.00	6.50	6.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y. Calf Starter (2234)	18.94	18.00	5.40	3.00	3.62	4.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa. Diamond Calf Meal (1976)	24.31	23.00	3.78	4.00	6.87	5.50	As Certified
VITALITY MILLS, INC., Chicago, Ill. Vitality Brand Calf Meal (1538)	26.63	24.00	4.17	3.50	2.94	4.00	As Certified
Vitality Calf Ration with Pellets (1536)	18.88	18.00	3.23	3.00	6.78	8.50	As Certified
Average	23.39	-----	4.36	----	5.27	----	
<u>Proprietary Swine Feed</u>							
ALLIED MILLS, INC., Chicago, Ill. Macco 40% Mineralized Hog Supplement (1852)	42.00	40.00	5.36	4.00	5.26	8.00	As Certified
Sydney Pork Maker (2182)	14.81	14.00	5.07	3.50	5.84	7.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's 40% Hog Concentrate (with Yeast) (1908)	41.94	40.00	4.51	5.00	5.18	6.50	As Certified
Altman's Hog Feed (with Yeast) (1416)	17.44	15.00	5.31	3.00	5.95	7.00	Charcoal not present as certified.
Altman's Hog Feed (with Yeast) (1801)	18.56	15.00	5.21	3.00	5.90	7.00	As Certified
Altman's Hog Feed (with Yeast) (1839)	19.19	15.00	4.14	3.00	6.67	7.00	As Certified
Altman's Hog Feed (with Yeast) (1882)	18.13	15.00	4.54	3.00	6.81	7.00	As Certified
Altman's Hog Feed (with Yeast) (1889)	19.50	15.00	4.76	3.00	6.89	7.00	As Certified
Altman's Hog Feed (with Yeast) (2155)	18.88	15.00	6.00	3.00	7.10	7.00	As Certified
GEORGE M. ANTHONY, Strausstown, Pa. Anthony's Perfectly Balanced Pig Feed (1865)	15.81	16.00	4.92	4.00	6.02	7.00	As Certified
A. J. BALSCH, Catawissa, Pa. Must Gro Pig & Hog Feed (1464)	17.19	17.00	4.15	4.00	5.23	10.00	As Certified
Must Gro Pig & Hog Feed (2140)	18.44	17.00	4.45	4.00	6.63	10.00	As Certified
BEDFORD MILLING CO., Bedford, Pa. Farm King Hogmaker (1404)	16.94	16.00	3.01	3.00	4.53	7.00	As Certified
Port Bedford 40% Hog Concentrate (1393)	34.25	40.00	4.48	3.50	5.95	6.00	As Certified
Port Bedford 40% Hog Concentrate (2245)	39.69	40.00	5.86	3.50	5.60	6.00	As Certified
Port Bedford Pig & Hog (1403)	16.38	16.00	3.33	4.00	4.41	5.00	As Certified
Port Bedford Pig & Hog (2247)	18.25	16.00	3.26	3.50	4.83	5.00	As Certified
BELLEVILLE FLOUR MILLS COMPANY Belleville, Pa. Blue Ribbon Pig Meal (1486)	16.38	16.00	3.50	3.50	10.84	12.00	As Certified
BLANK & GOTTSCHALL CO., INC. Sunbury, Pa. B. & G. Hog Feed (1376)	17.44	16.00	4.07	3.00	11.03	11.00	As Certified
B. & G. 40% Pork Pusher (1378)	37.56	40.00	6.69	4.00	8.96	7.00	As Certified
BROSIOUS MILLS, Rebeck, Pa. Brosious Hog Feed (1439)	17.44	16.00	5.14	4.00	7.02	7.00	As Certified
BROWN & FASSETT, Tunkhannock, Pa. B. & F. Hog Ration (2078)	18.13	17.00	4.40	5.00	4.64	8.00	As Certified
F. M. BROWN'S SONS Sinking Spring, Pa. Imperial Pig Feed (2086)	17.75	18.00	4.18	4.00	7.95	8.00	As Certified
THE SUCKEY CEREAL COMPANY Massillon, Ohio 40% Hog Supplement (1947)	42.13	40.00	3.19	3.50	7.22	8.00	As Certified
Prosperity Hog Meal (1951)	17.81	16.00	3.69	3.00	5.05	8.50	As Certified
CANONSBURG MILLING COMPANY Canonsburg, Pa. CMC Pig Meal (1713)	20.00	20.00	3.53	4.00	5.26	7.00	As Certified
CASTLE MILLING & PAPER COMPANY New Castle, Pa. Pig Feed (1546)	15.44	17.00	4.11	5.00	5.36	8.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y. Hog Feed (1479)	18.75	17.00	4.78	3.50	4.80	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Hog Feed (1584)	18.56	17.00	4.55	3.50	4.56	6.00	As Certified
Hog Feed (2224)	19.13	17.00	4.80	3.50	5.06	6.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa. Diamond Hog Feed (1977)	19.56	17.00	4.60	4.00	8.37	8.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Springfield, Mass. Hog Meal (1927)	18.38	15.00	3.73	3.50	6.85	5.00	As Certified
Hog Supplement (16B1)	42.44	40.00	7.67	7.50	4.88	4.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa. Red Rose Pig & Hog Meal (1794)	18.38	18.00	3.50	4.00	6.62	10.00	As Certified
FARM BUREAU MILLING COMPANY Manheim, Pa. Pork Maker 40% Protein (1747)	44.19	40.00	3.77	3.50	6.03	7.00	As Certified
P. B. FURRY, Loysburg, Pa. Furry's Hog Feed (1528)	16.63	14.00	3.63	3.50	7.20	9.00	As Certified
Furry's Pig Meal (1522)	20.50	18.00	4.94	4.00	8.14	8.00	As Certified
CEHMAN BROTHERS, Denver, Pa. Cehman Pig Meal (2109)	19.00	18.00	4.05	4.00	8.88	9.00	As Certified
HARPER GRAIN CO., Pittsburgh, Pa. Select Pig & Hog Meal (1964)	18.50	17.00	4.97	3.50	7.37	7.00	As Certified
THE HERRMAN-McLEAN COMPANY Cleveland, Ohio Ohio 15% Hog Meal (2158)	18.00	15.00	4.54	4.00	6.67	8.00	As Certified
J. F. HOGSETT & SONS, Uniontown, Pa. Hogsett's Prepared Hog Feed (2169)	21.06	20.00	3.56	3.50	8.18	9.00	As Certified
FRED L. & JOHN E. HOMSHER Strasburg, Pa. Homsher's 15% Pig & Hog Feed (2102)	16.56	15.00	3.39	4.00	6.67	7.00	As Certified
HUNTSINGER'S MILL, Hegins, Pa. Quality Hog Feed (1450)	16.56	16.00	4.15	4.50	7.08	9.00	As Certified
F. B. KERN, Catawissa, Pa. Kernie's 16% Hog Feed (2130)	17.25	16.00	4.92	3.50	9.73	10.00	As Certified
Kernie's 32% Hog Supplement (2131)	30.38	32.00	4.90	4.00	6.37	9.00	As Certified
LARROWE MILLING CO., Detroit, Mich. Larro Pig & Hog Builder (1434)	18.94	17.50	4.59	4.00	7.33	7.50	As Certified
Larro Pig & Hog Builder (1762)	19.19	17.50	4.44	4.00	6.64	7.50	As Certified
Larro Pig & Hog Builder (2163)	18.06	17.50	4.02	4.00	7.32	7.50	As Certified
FRED LEITZEL, Klingerstown, Pa. Home Hog Meal (1366)	19.38	16.00	4.55	3.50	5.84	4.00	As Certified
LEPLEY & SHIEVER, Prospect, Pa. Diamond Hog Feed (1973)	18.25	16.00	4.15	4.00	8.05	8.00	As Certified
MANDATA ROLLER MILLS, Herndon, Pa. Wendt's Pig & Hog Meal (1443)	17.50	16.00	4.89	4.00	6.18	8.00	As Certified
MARITIME MILLING CO., INC. Buffalo, N. Y. B-B Pig & Hog Concentrate (1350)	33.31	36.00	4.34	4.00	4.31	8.00	As Certified
B-B Pig & Hog Feed (1352)	14.31	14.00	3.66	3.50	6.69	9.00	As Certified
Hi-Test Hog Feed (1349)	13.56	13.00	3.61	3.50	6.67	10.00	As Certified
McMILLEN FEED MILLS, INC. Fort Wayne, Indiana Master Mix 40% Hog Concentrate (1915)	41.00	40.00	3.64	3.50	6.14	8.00	As Certified
Master Mix 40% Hog Concentrate (1946)	42.69	40.00	3.18	3.50	6.44	8.00	As Certified
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa. A-1 Pig Grower (2291)	17.06	19.00	4.90	3.50	4.69	6.00	As Certified
Superior Hog Ration (2281)	14.56	15.00	5.06	4.00	3.98	6.00	As Certified
A. B. MUSSER, Bowmansville, Pa. ABM Pig & Hog Feed (2261)	17.18	15.00	4.03	4.00	6.48	7.00	As Certified
P. J. OESTERLING & SON, INC. Butler, Pa. Pennsylvania State Farmers Hog Ration (1666)	20.06	16.00	3.93	4.00	7.42	9.00	As Certified
OLD FORT MILLS, INC., Harrisburg, Pa. Old Fort Pork Builder (1333)	16.81	14.00	4.06	4.00	7.60	8.50	Found in addition charcoal.
THE PARK & POLLARD CO., Buffalo, N. Y. Co-Tu-It Pig & Hog Ration (2210)	15.69	15.00	3.08	3.00	6.91	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE QUAKER OATS CO., Chicago, Ill.							
Quaker Hog Feed Balancer 40% Protein (1755)	41.69	40.00	5.88	4.00	5.49	7.00	As Certified
Quaker Pig-N-Hog Feed (1696)	16.69	16.00	3.97	3.50	5.74	10.00	As Certified
Quaker Pig-N-Hog Feed (1748)	18.63	16.00	4.28	3.50	6.56	10.00	As Certified
Quaker Pig-N-Hog Feed (1920)	16.69	16.00	5.36	3.50	5.82	10.00	As Certified
READING MILLING CO., Reading, Pa.							
Reading Hog Feed (2085)	17.75	14.00	5.46	4.00	8.12	11.00	As Certified
THE RICHARDS MILLING COMPANY							
Cortland, Ohio							
Richards Pig & Hog Meal (1433)	18.13	16.00	4.70	4.00	5.60	8.00	As Certified
Richards Pig & Hog Meal (1513)	17.88	16.00	4.63	4.00	6.82	8.00	As Certified
H. ROCKWELL & SON, Canton, Pa.							
Rockwell's Pig Ration (2268)	16.25	14.00	5.47	4.25	5.33	7.00	As Certified
SACRAMENTO ROLLER MILLS							
Sacramento, Pa.							
Sacromill Hog Feed (1358)	17.88	17.00	5.21	4.00	7.44	7.00	As Certified
SCHOOLEY & SONS, Luzarna, Pa.							
Seach Nut Hog Ration (1992)	17.75	17.00	4.70	5.00	6.98	7.00	As Certified
SOMERSET MILLING CO., Somersat, Pa.							
Just Right Hog Feed (1935)	20.88	15.00	3.98	4.00	7.65	5.00	As Certified
Just Right 40% Hog Supplement (1942)	41.38	40.00	3.98	4.00	8.48	9.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Iron City Brand Hog Feed (2184)	16.25	17.50	3.82	4.00	5.31	7.00	As Certified
SWINGLE BROTHERS, Lake Ariel, Pa.							
Direct Pig Meal (2146)	16.00	15.00	5.71	6.00	5.28	4.50	As Certified
W. M. TEMPLETON & SONS, Houston, Pa.							
Templeton's Hog Feed (1717)	19.25	18.00	3.27	3.75	5.59	5.50	As Certified
TIOGA MILLS, INC., Waverly, N. Y.							
Ti-O-Ga Brood Sow & Shout Feed (2053)	20.38	17.50	4.69	3.50	7.98	8.00	As Certified
VANDERVORT MILLS, Laceyville, Pa.							
Vandervort's Hog Ration (2038)	20.63	20.00	5.15	4.50	5.54	7.00	As Certified
WAYNESBURG MILLING COMPANY							
Waynesburg, Pa.							
Home Pig & Hog Feed (1720)	17.81	15.00	3.76	3.50	5.45	9.00	As Certified
Home Pig & Hog Feed (2176)	17.63	15.00	3.76	3.50	6.18	9.00	As Certified
WEST APOLLO MILLING CO., Apollo, Pa.							
Apollo's Best Pig Meal (1808)	18.63	18.00	4.59	4.00	5.79	8.00	As Certified
ZECHMAN'S FLOUR MILLS							
Potts Grove, Pa.							
Zachman's Pork Producer (2120)	17.63	19.00	4.51	5.53	5.55	4.33	As Certified
Average	21.50	----	4.44	----	6.46	----	
<u>PROPRIETARY CHOP FEEDS</u>							
<u>Corn and Oats Chop</u>							
BROWN & FASSETT, Tunkhannock, Pa.							
Pura Corn & Oats Chop (2075)	10.75	10.00	4.34	3.00	5.06	8.00	As Certified
COOPERATIVE G.L.F. MILLS, INC.							
Buffalo, N. Y.							
Corn & Oats Ground Ralf & Half (2226)	11.38	10.00	4.64	4.00	6.41	8.00	As Certified
DAILEY MILLS, INC., Binghamton, N. Y.							
Ground Corn & Oat Chop (1581)	10.69	10.00	3.92	5.00	7.06	7.00	As Certified
JOHN W. ESHELMAN & SONS							
Lancaster, Pa.							
Red Rose Ground Corn & Oats (1790)	11.56	10.00	4.76	4.00	6.07	9.00	As Certified
FARMERS SUPPLY CO., Milan, Pa.							
Ground Local Oats & Corn (1778)	10.38	10.00	3.42	4.00	7.13	12.00	As Certified
REX GRAIN & MILLING CO., INC.							
Buffalo, N. Y.							
Rex Crown Corn & Oat Chop (1604)	11.39	10.00	3.87	3.00	6.61	8.00	As Certified
THE RICHARDS MILLING COMPANY							
Cortland, Ohio							
Pura Corn & Oats Chop (1512)	11.38	10.00	4.47	4.00	10.60	10.00	As Certified
Average	11.08	----	4.20	----	6.99	----	
<u>Chop Feed</u>							
R. S. ALTMAN, Irwin, Pa.							
Altman's Spacial Chop (1800)	10.75	9.00	3.28	3.00	6.86	10.00	Molasses not present as certified.

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Altman's Special Chop (1840)	10.78	9.00	3.13	3.00	6.86	10.00	As Certified
Altman's Special Chop (1908)	11.13	9.00	2.85	3.00	6.37	10.00	As Certified
F. B. FURRY, Loysburg, Pa. Mixed Chop (1826)	10.25	8.00	3.24	3.00	11.38	12.00	As Certified
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa. Mixed Chop (2280)	10.69	10.00	4.33	3.80	8.82	8.00	As Certified
MOSCOW MILLING CO., Moscow, Pa. Chop Feed (2201)	10.44	10.00	3.92	4.00	8.42	10.00	As Certified
THE RICHARDS MILLING COMPANY Cortland, Ohio Richards Special Chop (1789)	8.94	8.00	4.30	3.00	9.96	12.00	As Certified
Richards Sweet Special Chop (1710)	10.38	8.00	4.01	3.00	8.74	12.00	As Certified
SCHOOLEY & SON, Luzerne, Pa. Mixed Chop (2003)	13.86	9.00	4.38	4.00	6.08	6.00	As Certified
Averego	10.77	----	3.72	----	7.48	----	
<u>PROPRIETARY SCRATCH AND MASH FEEDS</u>							
<u>Scratch Feed</u>							
ALLIED MILLS, INC., Chicago, Ill. Red Feather Scratch Feed (1618)	10.44	9.00	2.14	2.50	2.14	4.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's Medium Scratch Feed (1848)	10.81	8.00	3.96	2.00	2.88	3.00	As Certified
Altman's Scratch Feed (1417)	9.94	8.00	2.30	2.00	2.86	3.00	As Certified
BELLEVILLE FLOUR MILLS COMPANY Belleville, Pa. Blue Ribbon Quality Scratch Feed (1487)	10.69	10.00	3.08	3.00	2.71	8.00	As Certified
F. M. BROWN'S SONS Sinking Spring, Pa. Imperial Scratch Feed (2087)	10.13	10.00	2.81	2.50	3.08	4.00	As Certified
COOPERATIVE G.L.F. MILLS, INC. Buffalo, N. Y. Chick Scratch (2223)	12.69	9.00	3.73	2.00	2.34	3.00	As Certified
Super Coarse Scratch (2217)	10.88	9.00	2.90	2.00	1.94	3.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Springfield, Mass. Scratch - Cracked (1682)	12.38	10.00	3.23	2.80	3.10	4.80	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa. Lancaster Scratch Greins (1632)	10.78	9.00	2.46	2.50	2.64	4.00	As Certified
Red Rose Chick Greins (1628)	11.69	10.00	3.99	3.00	2.13	3.00	As Certified
Red Rose Intermediate Chick Greins (1630)	11.28	10.00	2.98	3.00	2.01	3.00	As Certified
Red Rose Scratch Greins (1631)	10.94	9.00	2.82	2.80	2.74	4.00	As Certified
E. P. FREY, Emmaus, Pa. Red Feather Scratch Feed (2008)	10.00	9.00	2.27	2.80	2.61	4.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y. Daily Egg Scratch Feed (1506)	11.38	10.00	2.86	2.50	2.88	8.00	As Certified
HARPER GRAIN CO., Pittsburgh, Pa. Herco Scratch Grain (1989)	10.00	9.80	3.80	2.80	2.96	8.00	As Certified
LARROWE MILLING CO., Detroit, Mich. Lerro Scratch Greins (1614)	11.00	10.00	2.40	2.00	2.32	4.00	As Certified
FRED LEITZEL, Kingstons, Pa. Home Scratch Grains (1368)	10.63	10.00	2.90	3.80	2.68	4.00	Found in addition excessive amount of cockle.
MARITIME MILLING CO., INC. Buffalo, N. Y. B-P Developing Feed (1617)	11.06	10.00	3.19	2.00	3.23	8.00	As Certified
Deity Scratch Feed (1616)	10.00	9.00	2.92	2.80	3.63	8.00	As Certified
MAUSER MILL CO., Treichlers, Pa. Mauser's Chick Feed (1833)	11.86	10.00	2.70	3.00	2.01	8.00	As Certified
PRATT FOOD CO., Hammond, Indiana Pretts Chick Scratch Feed (1612)	12.28	10.00	2.49	2.00	1.66	4.00	As Certified
Pretts Intermediate Scratch Feed (1611)	10.63	10.00	2.86	2.00	2.22	4.00	As Certified
Pretts Scratch Feed (1610)	11.38	10.00	3.26	2.00	2.99	4.00	As Certified
Utility Scratch Feed (1613)	10.86	10.00	3.31	2.00	2.86	4.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE QUAKER OATS CO., Chicago, Ill. Early Bird Coarse Chick Feed (1914)	10.75	9.50	3.61	2.00	2.76	3.50	As Certified
TPE RICHARDS MILLING COMPANY Cortland, Ohio Swift Baby Chick Feed (1430)	11.50	9.00	4.42	2.50	2.27	5.00	Found in addition buckwheat.
Swift Scratch Crains (1454)	10.81	9.00	2.50	2.50	3.61	5.00	As Certified
BENJAMIN ROSENBERG, Philadelphia, Pa. Side of Philadelphia No. 1 Pigeon Feed (1663)	14.56	14.50	4.38	4.25	4.97	6.25	As Certified
Side of Philadelphia No. 2 Pigeon Feed (1608)	16.06	16.50	5.85	5.00	5.41	7.00	As Certified
Side of Philadelphia No. 3 Pigeon Feed (1664)	14.38	12.00	4.45	3.00	3.43	4.75	As Certified
SCHOOLEY & SON, Luzerne, Pa. Chanticleer Little Chick Feed (2001)	11.63	12.00	4.51	4.00	3.17	4.00	As Certified
Chanticleer Scratch Feed (1993)	11.06	11.00	2.72	4.00	3.25	4.00	As Certified
Special Chanticleer Scratch Feed (1994)	10.51	10.00	2.72	4.00	4.65	5.00	As Certified
R. A. SMITH MILLING COMPANY Northampton, Pa. Henson's Scratch Feed (1815)	10.44	10.00	2.55	3.00	2.69	3.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y. O-Ga Chick Crains (2037)	11.19	10.00	2.52	2.50	1.95	3.50	As Certified
VITALITY MILLS, INC., Chicago, Ill. Lance Poultry Scratch (1543)	12.63	10.00	2.43	2.00	2.55	6.00	As Certified
WARNER'S MILL, Alliance, Ohio Warner's Blue Ribbon Scratch Feed (1673)	10.06	10.00	2.51	2.00	2.45	3.00	As Certified
Average	11.31	-----	3.14	-----	2.84	-----	
<u>Mash Feed</u>							
ALLIED MILLS, INC., Chicago, Ill. All Plushing Mash (1967)	20.69	20.00	3.70	3.00	4.22	6.00	As Certified
All 36% Mash Supplement (1854)	36.31	36.00	4.50	3.50	7.45	8.00	As Certified
All Super Egg & Breeder Mash with Forti- fied Sardine Oil (1336)	20.56	20.00	5.22	3.50	5.93	8.00	As Certified
All Super Egg & Breeder Mash with Forti- fied Sardine Oil (1970)	22.00	20.00	5.49	3.50	6.79	8.00	As Certified
All Super Starting & Growing Mash with Fortified Sardine Oil (1338)	20.31	18.00	5.18	3.50	5.23	7.00	As Certified
All Super Starting & Growing Mash with Fortified Sardine Oil (1965)	18.13	18.00	4.77	3.50	5.42	7.00	As Certified
All Tip Top Mash (1342)	21.13	20.00	5.09	3.50	7.20	8.00	As Certified
All Tip Top Mash (1855)	21.06	20.00	5.06	3.50	7.11	8.00	As Certified
All Turkey Starter (1856)	26.31	25.00	5.91	4.00	5.48	8.00	As Certified
All Turkey Starter (1966)	26.44	25.00	5.50	4.00	5.76	8.00	As Certified
Wyne Egg Mash with Fortified Sardine Oil (2180)	21.50	20.00	5.80	3.50	6.25	8.00	As Certified
Wyne Growing Mash with Fortified Sardine Oil (1830)	16.13	16.00	4.62	3.50	6.51	7.00	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's All Mash Starter & Broiler (1413)	19.19	17.00	4.25	4.00	5.24	8.00	As Certified
Altman's All Mash Starter & Broiler (1895)	19.00	17.00	4.27	4.00	5.64	8.00	As Certified
Altman's Buttermilk Growing Mash (1700)	19.44	17.00	4.25	4.00	6.19	9.00	As Certified
Altman's Buttermilk Growing Mash (1836)	20.00	17.00	4.45	4.00	7.03	9.00	As Certified
Altman's Buttermilk Growing Mash (1881)	21.94	17.00	4.30	4.00	7.28	9.00	As Certified
Altman's Buttermilk Growing Mash (1894)	18.69	17.00	3.96	4.00	6.65	9.00	As Certified
Altman's Buttermilk Growing Mash (2153)	21.50	17.00	4.06	4.00	6.70	9.00	As Certified
Altman's Fattening Mash (1899)	19.50	15.00	4.39	4.00	5.23	6.00	As Certified
Altman's Laxa-Heel Ration (1838)	20.50	18.00	3.90	5.00	5.73	8.00	As Certified
Altman's Quality Egg Mash (1412)	21.44	20.00	4.60	4.00	5.91	9.00	As Certified
Altman's Quality Egg Mash (1698)	21.06	20.00	4.25	4.00	6.43	9.00	As Certified
Altman's Quality Egg Mash (1802)	20.00	20.00	4.41	4.00	6.48	9.00	As Certified
Altman's Quality Egg Mash (1841)	22.94	20.00	4.58	4.00	7.52	9.00	As Certified
Altman's Quality Egg Mash (1878)	23.25	20.00	4.21	4.00	7.78	9.00	As Certified
Altman's Quality Egg Mash (1891)	21.06	20.00	4.16	4.00	7.32	9.00	As Certified
Altman's Super A Buttermilk Growing Mash (1419)	18.38	17.00	4.08	4.00	6.16	9.00	As Certified
Altman's Super A Egg Mash (1699)	25.50	24.00	4.78	4.50	5.56	8.00	As Certified
Altman's Super A Egg Mash (1844)	25.31	24.00	4.57	4.50	5.76	8.00	As Certified
Altman's Super A Egg Mash (1883)	25.31	24.00	4.57	4.50	6.14	8.00	As Certified
Altman's Super A Egg Mash (1906)	24.88	24.00	4.69	4.50	6.15	8.00	As Certified
Altman's Super A 20% Production Mash (1414)	20.13	20.00	4.26	4.00	6.08	9.00	As Certified
Altman's Super A 20% Production Mash (1842)	20.75	20.00	4.61	4.00	7.03	9.00	As Certified
Altman's Super A 20% Production Mash (1879)	22.94	20.00	5.13	4.00	6.66	9.00	As Certified
Altman's Super A 20% Production Mash (1900)	21.00	20.00	4.69	4.00	6.64	9.00	As Certified
Altman's Super A Yeast Egg Mash (1415)	24.75	24.00	4.74	4.50	5.95	8.00	As Certified
Altman's Super A Yeast Egg Mash (1843)	24.69	24.00	4.55	4.50	6.01	8.00	As Certified
Altman's Super A Yeast Egg Mash (1909)	24.44	24.00	4.28	4.50	6.36	8.00	As Certified
Altman's Super Yeast Starter & Broiler Ration (1803)	20.50	19.00	4.60	4.00	5.13	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

290-4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Altman's Super A Yeast Starter & Broiler Ration (1837)	21.56	19.00	4.54	4.00	6.01	8.00	As Certified
Altman's Super A Yeast Starter & Broiler Ration (1877)	22.06	19.00	4.91	4.00	6.38	8.00	As Certified
Altman's Super A Yeast Starter & Broiler Ration (1904)	21.06	19.00	4.36	4.00	5.13	8.00	As Certified
Altman's Turkey Developer (1897)	20.38	21.00	4.11	4.00	7.40	9.00	As Certified
Altman's Yeast Growing Mash (1420)	18.69	17.00	4.47	4.00	6.54	9.00	As Certified
Altman's Yeast Growing Mash (1845)	19.94	17.00	4.23	4.00	7.06	9.00	As Certified
Altman's Yeast Growing Mash (1880)	22.00	17.00	4.63	4.00	7.37	9.00	As Certified
Altman's Yeast Growing Mash (1888)	19.06	17.00	4.14	4.00	7.37	9.00	As Certified
Altman's Yeast Growing Mash (2152)	21.75	17.00	4.33	4.00	6.54	9.00	As Certified
Altman's Yeast Turkey Developer (2154)	22.75	21.00	4.30	4.00	6.57	9.00	As Certified
Altman's Yeast Turkey Starter (1697)	26.69	25.00	4.19	4.00	5.09	9.00	As Certified
Altman's Yeast Turkey Starter (1902)	26.13	25.00	4.11	4.00	6.20	9.00	As Certified
GEORGE M. ANTHONY, Strausstown, Pa.							
Anthony's Chick Starter (1867)	19.56	18.00	4.42	4.00	6.10	6.50	As Certified
Anthony's Perfectly Balanced Growing Mash (1864)	17.50	15.00	4.77	4.00	6.35	7.00	As Certified
Anthony's Perfectly Balanced Laying Mash (1863)	21.69	20.00	4.60	4.50	5.74	7.00	As Certified
A. J. BALSHI, Catawissa, Pa.							
All Mash Must Lay Egg Mash (1466)	17.50	16.00	4.79	3.50	6.53	7.00	As Certified
Must Gro Growing Mash (1465)	19.44	16.00	5.08	3.50	6.10	8.00	As Certified
Must Gro Growing Mash (2143)	19.00	19.00	5.16	3.50	6.09	8.00	As Certified
Must Lay Egg Mash (1467)	19.50	19.00	5.12	3.50	6.45	8.00	As Certified
Must Lay Egg Mash - Pelleted (1468)	20.25	19.00	5.17	3.50	6.44	8.00	As Certified
Must Lay Laying Mash (2141)	19.25	19.00	4.45	3.50	6.72	8.00	As Certified
Must Liv & Gro Starter & Grower (1463)	18.69	18.00	4.85	3.50	5.42	8.00	As Certified
Must Liv & Gro Starter & Grower (2142)	19.44	19.00	4.90	3.50	6.39	8.00	As Certified
BANNER FLOUR MILLS, Fairchance, Pa.							
Sanner Chick Starter Mash (1728)	18.69	18.00	4.39	4.00	6.42	6.00	As Certified
Sanner 20% Egg Mash (1729)	20.44	20.00	4.75	4.00	7.04	7.50	As Certified
Sanner Growing Mash (1725)	18.13	18.00	4.54	4.00	6.35	7.00	As Certified
Sanner Turkey Grower (2167)	19.88	20.00	4.38	4.00	6.28	8.00	As Certified
Sanner Turkey Starter Mash (1726)	26.38	26.00	4.97	5.00	5.66	6.00	As Certified
THE BEACON MILLING CO., INC. Cayuga, N. Y.							
Beacon Complete Starting Ration (1502)	21.38	19.00	5.19	4.00	4.78	7.00	As Certified
Seacon "22" Egg Mash (1503)	22.88	22.00	5.78	4.50	5.55	7.50	As Certified
Seacon "18" Growing Mash (1504)	20.13	18.00	5.34	4.00	6.55	7.50	As Certified
Seacon "20" Laying Mash (1501)	22.00	20.00	5.80	4.00	6.55	7.50	As Certified
Seacon Turkey Growing Feed (2040)	21.63	20.00	5.39	4.00	6.94	7.00	As Certified
Seacon Turkey Starter (2039)	25.06	24.00	5.68	4.00	5.55	6.00	As Certified
BEDFORD MILLING CO., Bedford, Pa.							
Sedford 32% Poultry Concentrate (1389)	37.25	32.00	4.87	3.00	5.84	8.00	As Certified
Sedford Turkey Grower (1394)	21.06	20.00	4.64	4.00	5.89	7.00	As Certified
Sedford Yellow Leg Broiler (1390)	19.38	20.00	4.41	4.50	6.00	6.00	As Certified
Fort Bedford Egg & Breeder (1385)	22.44	21.00	4.60	4.00	6.05	7.00	As Certified
Fort Bedford Egg & Breeder (2239)	22.13	21.00	5.60	4.00	6.71	7.00	As Certified
Fort Bedford Grower (1387)	18.19	18.00	4.05	4.00	5.30	7.00	As Certified
Fort Bedford Layer (1384)	22.19	20.00	4.62	4.00	5.58	7.00	As Certified
Fort Bedford Layer (2238)	20.88	20.00	4.92	4.00	6.10	7.00	As Certified
Fort Bedford Starter (1386)	20.56	19.00	4.51	4.00	5.28	5.00	As Certified
Fort Bedford Starter (1388)	18.69	18.00	4.07	4.00	5.97	6.00	As Certified
Fort Bedford Starter & Grower (1391)	26.69	25.00	4.97	4.50	5.98	6.00	As Certified
Lucky Bird Layer (1396)	21.81	18.00	4.39	3.00	5.19	8.00	As Certified
BELLEVILLE FLOUR MILLS COMPANY Belleville, Pa.							
Ultra-Life Range Grower (1489)	16.31	16.00	4.16	3.75	5.74	7.00	As Certified
Vitamized 20% Laying Mash (1484)	19.50	20.00	4.61	4.00	6.70	7.50	As Certified
Vitamized Starting Mash (1490)	17.63	17.00	4.78	4.00	6.29	6.50	As Certified
BLANK & GOTTSHALL CO., INC. Sunbury, Pa.							
Banner 18% Laying Mash (1373)	19.63	18.00	5.49	3.00	11.27	12.00	Found in addition charcoal.
B. & G. All Mash Starter & Grower (1370)	19.00	17.00	5.23	3.00	5.33	7.00	As Certified
B. & G. Banner 20% Laying Mash (1369)	20.69	20.00	5.07	3.00	10.02	12.00	As Certified
B. & G. Growing Mash (1372)	19.94	18.00	5.16	4.00	6.32	7.00	As Certified
B. & G. Laying & Breeder Mash (1375)	22.63	20.00	5.65	4.00	6.36	7.00	As Certified
B. & G. 20% Lay-Mor Mash (1371)	21.19	20.00	5.87	4.00	6.33	7.00	As Certified
B. & G. Starter Mash (1374)	19.25	18.00	5.13	4.00	5.23	7.00	As Certified
BROWN & FASSETT, Tunkhannock, Pa.							
B. & F. Broiler Growing Mash (2064)	17.13	17.50	5.19	4.50	6.19	6.50	As Certified
B. & F. Chick Starting Mash (2065)	15.06	14.50	4.94	4.00	4.78	6.00	As Certified
B. & F. Favorite Dry Mash (2077)	20.38	18.00	4.73	5.00	6.76	9.00	As Certified
B. & F. Growing Mash (2076)	17.75	17.50	5.17	4.50	5.96	6.50	As Certified
B. & F. Turkey Growing Mash (2071)	19.19	18.00	5.68	4.00	7.06	6.00	As Certified
F. M. BROWN'S SONS, Sinking Spring, Pa.							
Brown's Special Laying Mash (208B)	20.3B	20.00	5.03	4.00	6.10	7.00	As Certified
Condensed Milk Broiler Mash (2090)	20.00	18.00	5.13	5.00	5.2B	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Condensed Milk Laying Mash (2089)	22.94	20.00	4.84	4.50	6.01	7.00	As Certified
Imperial Chick Starter (2091)	19.31	18.50	4.93	4.00	5.24	6.50	As Certified
Imperial Growing Mash (2092)	19.06	17.00	5.14	4.50	5.88	5.00	As Certified
Imperial Laying Mash (2093)	19.75	19.00	5.36	5.00	5.68	8.00	As Certified
BROSIOUS MILLS, Rebeck, Pa.							
Brosious Chick Starter Mash (1436)	17.88	18.00	4.82	5.00	6.12	6.00	As Certified
Brosious Growing Mash (1438)	18.88	18.00	4.46	4.00	6.00	7.00	As Certified
Brosious Laying Mash (1437)	20.56	19.00	5.09	4.00	5.94	7.25	As Certified
THE SUCKEYE CEREAL COMPANY							
Massillon, Ohio							
Buckeye Growing & Developing Mash (1952)	17.44	16.00	4.52	3.50	6.76	7.00	As Certified
Buckeye Laying & Breeders Mash (1953)	18.81	20.00	4.57	3.50	6.21	7.50	As Certified
Buckeye Starting & Growing Mash (1954)	18.75	18.00	4.23	3.50	5.54	7.50	As Certified
D. K. CAMPSEY, Claysville, Pa.							
Campsey's Chick Starting & Growing Mash (1733)	20.06	17.00	4.14	4.00	5.83	6.00	As Certified
Campsey's Super-Laying Mash (1734)	22.00	20.00	4.46	4.50	6.95	8.00	As Certified
Campsey's Turkey Starter (1735)	26.25	25.00	4.43	4.00	7.42	8.00	As Certified
CANONSBURG MILLING COMPANY							
Canonsburg, Pa.							
CMC Egg Mash (1711)	19.88	19.00	4.73	3.00	8.01	8.00	As Certified
CMC Egg Mash (2196)	18.25	19.00	3.95	3.00	6.66	8.00	As Certified
CMC Growing Mash (2197)	23.19	20.00	3.42	4.00	4.56	5.00	As Certified
CASTLE MILLING & PAPER COMPANY							
New Castle, Pa.							
Egg Mash (1548)	20.75	20.00	5.16	5.00	6.04	6.00	As Certified
Starting & Growing Mash (1547)	18.31	17.00	4.62	5.00	5.91	6.00	As Certified
CITY FLOURING MILLS, INC., Muncy, Pa.							
Muncy Laying Mash (1599)	17.25	19.00	4.78	4.00	6.60	7.00	As Certified
Muncy Starting & Growing Mash (1600)	17.81	17.00	4.43	4.00	5.26	7.00	As Certified
COOPERATIVE G.L.F. MILLS, INC.							
Buffalo, N. Y.							
Flushing Mash (2227)	17.75	17.50	4.12	3.00	4.37	5.00	As Certified
'39 Formula Starting & Growing Mash (1475)	20.19	17.50	4.88	4.00	6.04	6.50	As Certified
'39 Formula Starting & Growing Mash (1768)	19.44	17.50	4.68	4.00	5.50	6.50	As Certified
Green Pasture Growing Mash (1766)	21.19	17.50	4.59	4.00	6.36	7.50	As Certified
Green Pasture Growing Mash (2228)	17.69	17.50	4.30	4.00	6.59	7.50	As Certified
Laying Mash (1476)	21.56	20.00	5.06	4.00	6.25	7.00	As Certified
Laying Mash (1685)	22.00	20.00	4.68	4.00	5.88	7.00	As Certified
Laying Mash (2221)	20.75	20.00	5.09	4.00	6.88	7.00	As Certified
Laying Mash Supplement (1597)	36.39	32.00	4.06	4.00	5.78	7.50	As Certified
Starting & Growing Mash (1480)	19.69	17.50	4.89	4.00	5.86	6.50	As Certified
Starting & Growing Mash (2229)	19.06	17.50	4.34	4.00	6.50	6.50	As Certified
Super Laying & Breeding Mash (1477)	21.56	19.50	4.78	4.00	6.10	7.00	As Certified
Super Laying & Breeding Mash (1765)	20.81	19.50	4.53	4.00	5.90	7.00	As Certified
Super Laying & Breeding Mash (2231)	20.94	19.50	4.57	4.00	6.41	7.00	As Certified
Super Laying & Breeding Mash - Pellets (1483)	20.75	19.50	4.65	4.00	5.94	7.00	As Certified
Super Laying Mash (2230)	20.50	19.50	4.93	4.00	5.44	7.00	As Certified
Turkey Growing Mash (2233)	22.00	20.00	4.79	4.00	6.13	7.00	As Certified
Turkey Growing Mash - Pellets (2225)	22.63	20.00	4.52	4.00	5.90	7.00	As Certified
Turkey Starting Mash (2232)	22.31	24.00	5.15	4.00	5.70	7.00	As Certified
DANVILLE MILLING CO., Danville, Pa.							
Danville Laying Mash (1339)	17.50	17.00	4.28	5.00	5.95	7.00	As Certified
DIAMOND MILLING CO., New Brighton, Pa.							
Brighton Laying Mash (1978)	20.00	18.00	4.72	4.00	6.73	6.50	As Certified
Diamond Laying Mash (1975)	21.75	20.00	5.37	4.00	7.01	6.50	As Certified
DIETRICH & GAMERILL, INC.							
Frederick, Md.							
Gambrill's Chick Starter (1347)	19.38	18.00	4.74	4.00	3.69	6.00	As Certified
Gambrill's Laying Mash (1348)	21.44	20.00	5.68	4.00	6.33	8.00	As Certified
EASTERN STATES FARMERS' EXCHANGE							
Springfield, Mass.							
All-Mash Developer (1932)	16.75	14.50	4.29	3.50	5.68	6.00	As Certified
All-Mash Egg (1680)	18.75	15.50	4.91	4.00	4.98	5.50	As Certified
All-Mash Egg (1923)	16.63	15.50	4.52	4.00	5.87	5.50	As Certified
Developer (1679)	20.25	18.50	4.68	3.75	6.49	6.50	As Certified
Developer (1925)	19.81	18.50	4.61	3.75	6.92	6.50	As Certified
Egg Mash (1677)	21.56	20.00	5.26	4.00	6.11	6.50	As Certified
Egg Mash (1924)	20.00	20.00	4.75	4.00	6.23	6.50	As Certified
Starting & Broiler (1678)	21.13	18.50	4.79	4.00	4.98	5.00	As Certified
Starting & Broiler (1930)	19.63	18.50	4.52	4.00	4.84	5.00	As Certified
JOHN W. ESHELMAN & SONS							
Lancaster, Pa.							
Maintenance 20% Laying Mash with Cod Liver Oil (1793)	21.50	20.00	4.51	4.50	5.75	8.00	As Certified
Pennsy Laying Mash (1634)	18.56	18.00	4.05	4.50	7.88	8.00	As Certified
Red Rose All-Mash Starter & Grower with Cod Liver Oil (1642)	19.25	16.00	4.33	4.00	7.44	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Red Rose All-Mash Starter & Grower with Cod Liver Oil (1981)	21.13	16.00	5.48	4.00	7.58	7.00	As Certified
Red Rose Broiler Ration (1643)	20.63	18.00	4.79	4.50	6.90	7.50	As Certified
Red Rose Chick Starter with Cod Liver Oil (1795)	20.19	18.50	4.65	4.00	5.43	6.00	As Certified
Red Rose Complete Lay Mash - Pelleted (1640)	18.31	15.00	4.41	4.00	5.91	6.00	As Certified
Red Rose Growing Mash (2028)	17.94	16.00	4.28	4.00	7.65	7.50	As Certified
Red Rose Growing Mash with Cod Liver Oil (2172)	18.94	16.00	5.83	4.00	8.18	7.50	As Certified
Red Rose Laying Mash (2029)	21.63	20.00	5.88	5.00	7.13	7.50	As Certified
Red Rose Laying Mash with Cod Liver Oil (1633)	23.94	20.00	5.45	5.00	8.32	7.50	As Certified
Red Rose Turkey Starter with Cod Liver Oil (1980)	24.63	24.00	5.14	1.50	6.22	6.00	As Certified
FARM BUREAU MILLING COMPANY Manheim, Pa.							
Economy Laying Mash (1746)	20.06	20.00	5.06	4.00	6.88	7.00	As Certified
Growing Mash (1694)	20.00	17.50	4.56	4.00	6.34	7.50	As Certified
Mermash 16% (2195)	17.44	16.00	5.49	3.50	5.83	7.00	As Certified
E. S. FREY, Emmaus, Pa.							
Red Feather Growing Mash (2007)	18.69	17.00	4.86	4.00	6.91	7.50	As Certified
Red Feather Laying Mash (2006)	19.38	20.00	4.99	4.50	6.59	7.00	As Certified
D. D. FRITCH MILLING COMPANY Macungie, Pa.							
XXXX Fancy Growing Mash (2009)	17.38	16.50	4.06	4.00	5.99	6.00	As Certified
XXXX Fancy Laying Mash (2010)	20.50	20.00	4.53	4.00	6.00	7.50	As Certified
XXXX Fancy Starting Mash (2014)	18.38	17.50	4.06	4.00	5.36	5.00	As Certified
Lehigh Laying Mash (2015)	18.81	17.50	4.24	4.00	6.14	7.00	As Certified
P. S. FURRY, Loysburg, Pa.							
Furry's Best Egg Mash (1524)	21.75	20.00	4.58	4.50	6.60	7.00	As Certified
Furry's Economy Egg Mash (1527)	21.81	19.00	4.55	4.00	6.88	7.00	As Certified
Furry's Growing Mash (1530)	20.75	17.00	4.66	4.50	6.09	6.50	As Certified
Furry's Starting Mash (1529)	21.44	18.00	4.53	4.50	6.06	6.00	As Certified
GEHMAN BROTHERS, Denver, Pa.							
Gelman's Baby Chick Starter (2106)	20.13	18.00	4.68	5.00	6.45	5.50	As Certified
Gelman's Egg Mash (2107)	20.38	18.00	4.65	5.00	7.06	7.50	As Certified
Gelman's Growing Mash (2110)	18.69	18.00	4.69	5.00	7.31	5.50	As Certified
GIBBLE & EBLING, Bethel, Pa.							
Bethel 18% Egg Mash (1869)	18.75	18.00	4.86	4.00	6.66	8.00	As Certified
G. & E. Chick Starter (1868)	19.31	17.50	4.88	4.00	6.28	6.00	As Certified
G. & E. Growing Mash (1871)	19.00	17.00	4.72	4.00	6.68	6.00	As Certified
G. & E. Iodized Laying Mash (1870)	20.38	20.00	5.19	5.00	6.87	7.00	As Certified
G. & E. Turkey Grower (1873)	20.00	20.00	4.86	4.50	5.72	7.00	As Certified
G. & E. Turkey Starter (1876)	24.13	24.00	5.58	5.00	5.97	6.50	As Certified
Gibble & Ebling's Fattening Mash (1872)	15.13	14.00	4.85	4.50	4.45	5.00	As Certified
G. & M. MILLING COMPANY West Wyoming, Pa.							
G. & M. Chick Starter Mash (2063)	19.81	18.00	5.74	4.00	5.75	6.00	As Certified
G. & M. 20% Egg Mash (2062)	20.44	20.00	6.32	4.00	7.43	7.50	As Certified
G. & M. Growing Mash (2061)	19.31	18.00	6.17	4.00	6.83	7.00	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y.							
Daily-Egg Laying Mash Feed (1507)	22.06	20.00	4.37	3.75	6.45	7.00	As Certified
Daily-Egg Laying Mash Feed (1888)	21.25	20.00	4.38	3.75	6.56	7.00	As Certified
Daily-Growth Broiler Mash (1689)	20.56	18.00	4.64	3.50	5.31	6.00	As Certified
Daily-Growth Chick Starter (1510)	19.00	17.00	4.91	4.50	5.53	4.50	As Certified
Daily-Growth Growing Mash (1687)	18.00	17.50	4.54	3.50	5.92	7.00	As Certified
HARPER GRAIN CO., Pittsburgh, Pa.							
Chicken Dinner Laying Mash (1962)	21.75	18.00	4.06	4.00	9.83	8.00	As Certified
Chicken Dinner Starting & Growing Mash (1961)	20.19	18.00	4.88	3.50	8.26	8.00	As Certified
Exchange Laying Mash (1960)	20.38	18.00	3.68	4.00	8.26	9.00	As Certified
Harco Growing Mash (2187)	21.06	18.00	3.56	3.50	5.55	8.00	As Certified
Harco Laying Mash (2186)	20.44	20.00	3.98	4.00	6.30	8.00	As Certified
Harco Turkey Developer (1738)	23.63	21.00	5.32	3.50	6.51	8.00	As Certified
Harco Turkey Starting Mash (1963)	27.88	24.00	5.76	3.50	6.31	7.00	As Certified
F. D. RARTZEL'S SONS COMPANY Chalfont, Pa.							
Perfection Broiler Mash (2025)	20.63	20.00	5.30	5.00	5.23	6.00	As Certified
Perfection Growing Mash (2026)	17.13	17.00	4.06	5.00	5.71	7.00	As Certified
EUGENE HELWIG & BROTHER Catawissa, Pa.							
Helwig's Blue Ribbon Chick Starter (1458)	19.19	17.00	4.73	4.00	6.20	6.00	As Certified
Helwig's Blue Ribbon Egg Mash (1462)	18.00	18.00	4.60	4.00	6.57	6.00	As Certified
Helwig's Blue Ribbon Growing Mash (1459)	17.13	16.00	4.36	4.00	7.38	6.00	As Certified
Helwig's Turkey Breeder (1461)	19.19	19.00	4.94	4.00	7.42	8.00	As Certified
Helwig's Turkey Starter (1460)	26.81	25.00	4.63	4.00	5.11	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE HERRMAN-McLEAN COMPANY Cleveland, Ohio							
High Egg Mash (2159)	21.00	20.00	4.43	4.00	9.04	8.00	As Certified
High Starting & Growing Mash with Liver Meal (2162)	18.44	16.00	5.38	4.50	6.78	5.00	As Certified
J. F. HOGSETT & SONS, Uniontown, Pa.							
Hogsett's Growing Mash (2168)	16.69	16.00	4.27	4.00	6.24	7.00	As Certified
Hogsett's Laying Mash (1709)	20.13	20.00	4.81	4.00	7.17	7.00	As Certified
FRED L. & JOHN E. HOMSHER Stressburg, Pa.							
Homsher's Chicken Mash (2100)	21.31	22.00	5.00	6.00	6.74	6.50	As Certified
Homsher's Chick Starter Mash (2105)	19.63	18.00	5.16	4.00	5.09	6.00	As Certified
Homsher's 20% Egg Mash (2104)	20.56	20.00	4.81	4.00	6.77	7.50	As Certified
Homsher's Growing Mash (2103)	19.06	18.00	4.60	4.00	7.28	7.00	As Certified
HUNTSINGER'S MILL, Hagins, Pa.							
Quality Chick Starter (1444)	20.81	17.50	4.34	4.00	6.11	6.00	As Certified
20% Quality Egg Mash (1448)	21.75	20.00	4.78	4.00	6.15	6.50	As Certified
20% Quality Egg Mash with Barker's Poultry Powder (1446)	21.69	20.00	4.38	4.00	6.20	6.50	As Certified
Quality Growing Mash (1449)	19.31	18.00	4.17	4.00	6.80	7.00	As Certified
Quality Laying Mash (1447)	22.69	20.00	4.78	4.00	6.54	7.50	As Certified
Quality Starting Mash (1451)	18.06	18.00	4.27	5.00	6.33	8.50	As Certified
R. R. IKELER ESTATE, Bloomsburg, Pa.							
Blue Ribbon All Mash Starter & Grower (1470)	16.19	16.00	4.56	4.25	5.76	6.00	Found in addition charcoal.
Blue Ribbon 18% Laying Mash (1469)	17.50	18.00	4.58	4.00	6.16	7.50	Found in addition charcoal.
KASCO MILLS, INC., Weverly, N. Y.							
Apex Egg Mash (1716)	17.69	18.00	4.03	3.50	7.98	8.00	As Certified
Kasco Growing Mash (2027)	19.63	18.00	4.13	4.00	7.01	7.50	As Certified
J. B. KELLEY, Washingtonville, Pa.							
Farmers' Friend Starting & Growing Mash (2125)	13.94	17.00	4.89	4.00	5.13	7.00	As Certified
Kelley's Laying Mash (2124)	16.19	16.00	5.43	4.00	7.09	8.00	As Certified
F. B. KERN, Gatawissa, Pa.							
Kernie's All-Mash Laying Mash (2127)	15.88	15.00	4.23	3.50	5.55	8.00	As Certified
Kernie's Chick Starter (2133)	16.25	15.00	4.53	4.50	5.43	6.00	As Certified
Kernie's Growing Mash (2134)	17.06	18.00	5.23	4.50	5.25	7.00	As Certified
Kernie's 18% Laying Mash (2128)	19.75	18.00	4.67	4.00	6.18	8.00	As Certified
Kernie's 20% Laying Mash (2126)	19.88	20.00	4.98	4.50	6.59	7.00	As Certified
Kernie's 32% Poultry Supplement (2129)	33.31	32.00	5.74	2.50	5.52	8.00	As Certified
Kernie's Starter & Grower (2132)	17.25	16.00	4.30	4.00	6.58	7.00	As Certified
KEYSTONE FEED & FARM PRODUCTS CORP. Connellsville, Pa.							
Keystone Growing Mash (1703)	20.56	18.00	4.31	3.00	6.13	9.00	As Certified
Keystone Laying Mash with Yeast & Butter- milk (1701)	20.50	19.00	4.68	3.00	5.85	11.00	As Certified
LARROWE MILLING CO., Detroit, Mich.							
Larroe Chick Builder (1435)	20.50	19.00	4.53	4.00	6.73	7.00	As Certified
Larroe Egg Mash (1834)	20.31	20.00	4.50	4.00	7.47	8.00	As Certified
Larroe Turkey Finisher (2188)	27.75	27.00	5.07	4.50	6.92	7.50	As Certified
FRED LEITZEL, Klingerstown, Pa.							
Home Laying Mash (1364)	20.81	18.00	5.32	4.00	6.97	8.00	Found in addition ground wheat.
LIGHT STREET MILLING COMPANY Orangeville, Pa.							
Very Best Chick Starter (1368)	18.63	18.00	4.34	4.00	6.39	7.00	As Certified
Very Best Egg Mash (1367)	18.50	18.00	4.33	4.00	6.42	7.00	Found in addition charcoal.
WALTER K. LONG, Center Valley, Pa.							
High Standard Egg Mash (1832)	20.25	20.00	5.25	4.00	6.90	6.50	As Certified
MANDATA ROLLER MILLS, Herndon, Pa.							
Wendt's Laying Mash (1442)	18.88	18.00	4.97	4.00	6.15	7.00	As Certified
Wendt's Starter & Growing Mash (1441)	17.06	18.00	4.87	4.00	6.95	7.00	As Certified
MARITIME MILLING CO., INC. Buffalo, N. Y.							
B-B Complete Chick Starter Ration (2018)	22.00	20.00	4.45	4.00	6.86	6.00	As Certified
B-B Complete Turkey Starter Ration (2020)	26.94	25.00	4.53	4.00	5.28	7.00	As Certified
B-B Growing Mash (2019)	19.81	15.00	4.63	4.00	7.73	8.00	As Certified
B-B Layer & Breeder Mash (2022)	20.31	20.00	5.22	4.50	7.20	7.00	As Certified
Daisy Growing Mash (1622)	16.19	15.00	3.97	4.00	6.53	9.00	As Certified
HARRY L. MARTIN, East Earl, Pa.							
Martin's Broiler Mash (2118)	18.82	18.00	4.93	4.00	5.67	6.00	As Certified
Martin's Chick Starter (2114)	17.75	18.00	4.36	4.00	5.08	6.00	As Certified
Martin's Growing Mash (2117)	17.81	18.00	4.89	4.00	6.53	5.50	As Certified
Martin's Laying Mash (2116)	20.06	20.00	5.28	5.00	5.82	6.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MAUSER & CRESSMAN, Catasauqua, Pa.							
Laying Mash (1813)	19.31	16.00	4.77	4.00	5.37	9.00	As Certified
Poultry Mash for Baby Chicks (1811)	16.25	14.00	5.00	3.50	2.62	5.00	As Certified
Poultry Mash for Growing Chicks (1814)	18.63	16.00	5.03	4.00	5.97	8.00	As Certified
Special Laying Mash (1812)	20.63	18.00	5.12	4.00	5.81	8.00	As Certified
McMILLEN FEED MILLS, INC.							
Fort Wayne, Indiana							
Free-Choice Laying Concentrate (1950)	35.63	33.00	3.86	2.25	6.77	7.00	As Certified
Master Mix 32% Chick Concentrate (1948)	33.69	32.00	4.77	4.00	7.08	8.00	As Certified
Master Mix 34% Mash Concentrate (1945)	35.31	34.00	3.89	3.50	7.97	8.00	As Certified
Master Mix 34% Mash Concentrate with Cod Liver Oil (1346)	35.56	34.00	4.43	3.50	7.32	8.00	As Certified
MINER-HILLARD MILLING COMPANY							
Wilkes-Barre, Pa.							
A-1 Chick Starter (2287)	19.75	16.00	5.76	4.00	6.20	7.00	As Certified
A-1 Crowing Mash (2284)	18.44	17.00	5.27	4.50	5.31	6.50	As Certified
A-1 Laying Mash (2283)	20.00	20.00	5.19	4.50	5.79	7.00	As Certified
A-1 Turkey Fattening Mash (2289)	13.00	12.00	5.00	3.50	4.66	5.00	As Certified
A-1 Turkey Crowing Mash (2290)	20.00	20.00	4.97	3.50	5.91	7.00	As Certified
Pennant Egg Producer (2282)	20.13	17.00	4.76	3.50	5.45	7.00	As Certified
Superior Duck Crowing Mash (2286)	16.00	16.00	5.13	3.50	6.24	6.50	As Certified
Superior Fattening Mash (2285)	12.31	12.00	5.91	4.00	4.60	6.00	As Certified
MOSCOW MILLING CO., Moscow, Pa.							
Laying Mash (2200)	20.00	19.00	5.79	5.00	8.00	9.00	As Certified
A. S. MUSSER, Bowmansville, Pa.							
ABM Chick Starter Mash (2262)	18.56	18.00	5.20	4.00	4.88	6.00	As Certified
ABM 20% Egg Mash (2264)	20.13	20.00	5.54	4.00	5.53	7.50	As Certified
ABM Growing Mash (2263)	17.94	18.00	5.35	4.00	6.61	7.00	As Certified
P. J. OESTERLINC & SON, INC.							
Butler, Pa.							
Oesterling's Cash & Carry Egg Mash (1556)	21.94	20.00	3.11	3.50	7.57	8.00	As Certified
Oesterling's Cash & Carry Growing Mash (1668)	19.50	18.00	3.86	3.50	6.71	8.00	As Certified
Our Quality Sunside Egg Mash (1557)	22.19	20.00	3.81	4.00	7.07	8.00	As Certified
Sunside 6V Chick Starter (1671)	18.56	17.00	5.07	4.00	4.11	7.00	As Certified
Sunside Egg Mash No. 1 with Buttermilk (1558)	21.94	20.00	5.10	4.00	6.77	7.50	As Certified
Sunside Growing Mash with Neu-Life Minerals (1670)	21.38	18.00	4.37	4.00	6.77	7.50	As Certified
OLD FORT MILLS, INC., Harrisburg, Pa.							
Old Clock Egg Mash (1334)	18.75	18.00	4.17	4.50	7.59	9.00	Found in addition charcoal.
Old Fort Starter & Grower (1335)	17.81	17.00	4.43	4.00	6.76	7.50	As Certified
THE PARK & POLLARD CO., Buffalo, N. Y.							
Bidwell Laying Mash (2208)	20.94	20.00	3.09	3.00	6.89	8.00	As Certified
Lay or Bust Dry Mash (2213)	20.19	20.00	3.77	3.00	6.35	7.00	As Certified
Manamar Lay or Bust Dry Mash (2207)	21.50	20.00	3.57	3.00	5.83	7.00	As Certified
Manamar Life Cycle Mash (2202)	16.94	16.00	3.76	3.50	6.15	7.00	As Certified
Park & Pollard Chick Starter (2209)	19.88	17.00	3.82	3.50	5.86	6.00	As Certified
Park & Pollard Growing Feed (2205)	16.44	16.00	3.75	3.00	6.87	7.00	As Certified
Park & Pollard Starter & Broiler Mash (2206)	20.13	18.00	3.64	4.00	4.61	6.00	As Certified
Park & Pollard Turkey Crower (2211)	20.06	20.00	3.82	4.00	6.16	7.00	As Certified
Park & Pollard Turkey Starter (2214)	24.06	26.00	3.84	4.00	5.66	6.00	As Certified
PRATT FOOD CO., Hammond, Indiana							
Pratts Broiler Mash (1619)	20.88	19.50	4.12	4.00	5.94	7.00	As Certified
Pratts Duck Grower - Pelleted (1625)	18.56	18.50	6.11	4.50	5.94	7.00	As Certified
Pratts Indoor Growing Mash (1626)	21.44	18.00	5.37	4.00	6.89	7.25	As Certified
Pratts Laying Mash (1620)	21.81	20.00	5.46	3.50	6.77	7.25	As Certified
Pratts Laying Mash - Pelleted (1623)	21.31	20.00	5.12	3.50	6.96	7.25	As Certified
Pratts Worming Feed (1621)	21.44	20.00	4.80	3.50	6.81	7.25	As Certified
Utility Laying Mash (1618)	22.44	20.00	4.22	3.50	7.87	8.00	As Certified
Utility Laying Mash (1624)	22.19	20.00	4.21	3.50	8.48	8.00	As Certified
THE QUAKER OATS CO., Chicago, Ill.							
Ful-O-Pep Broiler Mash (1918)	19.13	19.00	5.72	4.50	6.71	7.00	As Certified
Ful-O-Pep Chick Starter (1354)	18.75	17.00	5.97	4.50	6.00	7.00	As Certified
Ful-O-Pep Chick Starter (1695)	18.63	17.00	5.96	4.50	6.34	7.00	As Certified
Ful-O-Pep Chick Starter (1753)	20.38	17.00	6.05	4.50	6.22	7.00	As Certified
Ful-O-Pep Chick Starter (1785)	19.94	17.00	6.18	4.50	7.25	7.00	As Certified
Ful-O-Pep Chick Starter (1912)	18.94	17.00	6.12	4.50	6.49	7.00	As Certified
Ful-O-Pep Chick Starter (1971)	19.50	17.00	6.06	4.50	7.07	7.00	As Certified
Ful-O-Pep Growing Mash (1754)	20.19	19.00	5.97	5.00	5.81	7.00	As Certified
Ful-O-Pep Growing Mash (1911)	19.88	19.00	6.06	5.00	6.84	7.00	As Certified
Ful-O-Pep Growing Mash (1972)	19.25	19.00	6.15	5.00	5.95	7.00	As Certified
Ful-O-Pep Laying Mash (1355)	20.06	20.00	5.72	4.50	7.22	8.00	As Certified
Ful-O-Pep Laying Mash (1752)	20.25	20.00	5.28	4.50	7.22	8.00	As Certified
Ful-O-Pep Laying Mash (1910)	20.13	20.00	5.37	4.50	7.55	8.00	As Certified
Ful-O-Pep Turkey Grower (2193)	20.00	20.00	5.19	4.50	7.37	8.00	As Certified
Ful-O-Pep Turkey Starter (1751)	26.69	26.00	5.80	5.00	5.10	7.00	As Certified
RALSTON PURINA CO., St. Louis, Mo.							
Chowmix Growing Feed (All-Mash) (2122)	16.56	15.00	5.26	3.50	4.48	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Chowmix Growing Mash (1859)	17.88	17.00	4.07	3.50	5.01	7.00	As Certified
Purina Broiler Chow (1649)	20.25	18.00	4.33	3.50	6.87	7.00	As Certified
Purina Broiler Chow (1704)	21.31	18.00	3.94	3.50	5.52	7.00	As Certified
Purina Chick Startena (1647)	23.75	18.00	5.07	4.00	4.92	7.00	As Certified
Purina Chick Startena (1690)	22.13	18.00	4.74	4.00	4.90	7.00	As Certified
Purina Lay Chow (1691)	22.75	21.00	4.61	4.00	7.59	8.00	As Certified
Purina Layena Complete Ration (1644)	18.00	15.50	4.19	3.50	4.61	8.00	As Certified
Purina Layena Complete Ration - Pelleted (1648)	18.63	15.50	4.54	3.50	6.25	8.00	As Certified
Purina Turkey Breeder Chow - Pelleted (1651)	25.13	23.00	4.98	4.00	6.54	8.00	As Certified
Purina Turkey Startena (1646)	22.50	24.00	4.94	4.00	4.04	7.00	As Certified
READING MILLING CO., Reading, Pa.							
Reading Egg Mash (2084)	19.56	18.00	5.69	4.00	7.49	8.00	As Certified
Wertz Baby Chick Starter (2080)	17.81	16.00	5.65	4.00	6.58	6.50	As Certified
Wertz Growing Mash with Malted Skimmed Milk & Cod Liver Oil (2083)	19.69	15.00	5.75	4.00	6.87	7.00	As Certified
Wertz Special Laying Mash with Cod Liver Oil (2081)	21.06	20.00	5.64	4.00	6.54	7.00	As Certified
Wertz Special Poultry Fattener (2082)	18.38	13.00	5.04	5.00	5.22	5.00	As Certified
REECE & GREENLY CO., Millville, Pa.							
R. & G. Co. Growing Mash (1472)	16.38	16.00	5.12	4.00	5.83	7.00	As Certified
R. & G. Co. Laying Mash (1471)	17.44	16.00	5.42	4.00	6.64	7.00	As Certified
R. & G. Co. Starting Mash (1473)	16.69	16.00	4.78	4.00	3.91	6.00	As Certified
EARLE L. RENN, Danville, Pa.							
Renn's Starting Mash (1343)	15.38	16.00	4.20	4.00	4.89	7.00	As Certified
THE RICHARDS MILLING COMPANY Cortland, Ohio							
Richards Cash Laying Mash (1453)	20.50	20.00	4.64	3.00	6.66	8.00	As Certified
Richards Starting Mash (1455)	18.88	18.00	4.45	3.00	6.97	7.50	As Certified
J. S. RILEY & CO., New Castle, Pa.							
Pioneer Growing Mash (1675)	17.81	17.50	4.77	3.00	5.97	8.00	As Certified
Pioneer Laying Mash "Super Special" (1676)	19.50	18.00	4.46	4.00	6.48	8.00	As Certified
H. ROCKWELL & SON, Canton, Pa.							
Han-O-La Dry Mash with Nopco XX Fortified Cod Liver Oil (2267)	20.38	19.00	5.14	4.50	6.69	9.00	As Certified
Idaal Chick Starter & Grower (2269)	18.88	17.00	5.75	4.00	4.33	6.00	As Certified
LOUIS ROSENBERG, Philadelphia, Pa.							
Gain-Fast with Dried Buttermilk (1991)	15.56	15.50	5.07	5.00	7.77	4.15	As Certified
Gain-Fast Poultry Pound Producer (1665)	14.13	14.06	4.42	4.10	7.65	8.00	As Certified
SACRAMENTO ROLLER MILLS Sacramento, Pa.							
Daisy Egg Mash (1359)	19.88	20.00	5.84	4.00	6.97	7.50	As Certified
Sacromill Egg Mash (1360)	20.13	20.00	6.23	4.50	6.41	7.00	As Certified
Sacromill Growing Mash (1363)	18.81	17.00	5.50	4.00	7.30	7.00	As Certified
Sacromill Starting Mash (1362)	17.56	17.00	5.71	5.00	6.69	7.00	As Certified
Starter - Grower Mash (1361)	17.69	16.00	5.62	3.50	7.50	8.00	As Certified
SCHOOLEY & SON, Luzerne, Pa.							
Chanticleer Chick Mash (2000)	16.38	18.00	5.90	4.00	4.70	5.00	As Certified
Chanticleer Duck Mash (2004)	14.63	13.00	4.72	4.00	6.83	7.00	As Certified
Chanticleer Growing Mash (1999)	18.69	18.00	5.61	4.00	5.72	5.00	As Certified
Chanticleer Laying Mash (2002)	22.50	18.00	6.01	4.00	7.17	8.00	As Certified
Special Chanticleer Laying Mash (1995)	19.06	17.00	6.82	3.00	6.69	9.00	As Certified
R. A. SMITH MILLING COMPANY Northampton, Pa.							
Blue-Band Broiler Mash (1822)	20.94	19.50	4.50	4.50	5.49	7.00	As Certified
Blue-Band Growing Mash (1821)	20.13	19.50	4.50	4.50	6.02	7.00	As Certified
Blue-Band Laying Mash (1818)	21.19	20.00	5.00	4.50	6.98	7.50	As Certified
Blue-Band 34% Mash Concentrate (1820)	36.25	34.00	5.61	5.50	6.32	7.00	As Certified
Blue-Band Starting Mash (All Mash) (1819)	20.00	19.00	4.75	4.50	5.70	7.00	As Certified
Raason's Laying & Breeder Mash (1816)	18.31	18.00	4.43	4.00	5.30	7.50	As Certified
Raason's Starting Mash (1817)	14.88	15.00	4.06	5.00	5.22	6.00	As Certified
SOMERSET MILLING CO., Somerset, Pa.							
Just Right Growing Mash (1938)	19.94	17.50	3.89	4.00	7.17	6.50	As Certified
Just Right Laying Mash 18% (1937)	20.06	18.00	4.02	4.00	6.74	7.50	As Certified
Just Right Laying Mash 20% (1936)	23.38	20.00	4.09	4.00	7.10	7.00	As Certified
Just Right Starting Mash (1940)	19.50	17.00	4.02	4.00	5.94	6.00	As Certified
Somerset Supreme Growing Mash (1939)	19.00	18.00	4.39	4.00	6.90	7.00	As Certified
JESSE C. STEWART CO., Pittsburgh, Pa.							
Red Lettar All Mash Chick Startar and Grower (1737)	20.44	15.00	4.47	5.00	5.09	6.00	As Certified
Red Lettar All Mash Chick Startar and Grower (2183)	19.13	15.00	4.88	5.00	4.43	6.00	As Certified
Red Lettar Brand Egg Mash (1736)	20.63	20.00	4.45	4.50	7.59	8.00	As Certified
Shadyalda Brand Egg Mash (2185)	16.69	17.00	5.00	4.50	7.03	8.50	As Certified
D. A. STICKELL & SONS, INC. Hagerstown, Maryland							
Blue Ridge Egg Mash (1440)	24.50	20.00	4.98	5.00	5.72	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
SWINGLE BROTHERS, Lake Ariel, Pa. Direct Growing Mash (2150)	19.19	15.50	5.39	3.50	6.55	8.50	As Certified
Direct Laying Mash with Cod Liver Oil (2151)	22.06	20.00	5.95	4.00	6.86	8.00	As Certified
W. M. TEMPLETON & SONS, Houston, Pa. Templeton's Egg Mash (1719)	19.13	19.00	4.47	5.00	6.95	7.00	As Certified
TIOGA MILLS, INC., Waverly, N. Y. Chicotine (2033)	20.38	19.00	4.58	3.50	7.72	7.50	As Certified
Conditiontine (2036)	18.56	15.00	4.76	4.00	6.25	6.50	As Certified
Egatine (2034)	23.69	22.00	4.59	3.50	6.70	7.50	As Certified
Tasty Laying Food (1570)	22.63	20.00	4.69	3.50	7.01	7.50	As Certified
Tasty Laying Food (2035)	22.25	20.00	4.76	3.50	7.27	7.50	As Certified
Tasty Laying Food (2052)	21.75	20.00	4.72	3.50	7.17	7.50	As Certified
Ti-O-Ga Starter & Grower (1566)	20.63	18.00	4.79	3.50	7.56	7.50	As Certified
Ti-O-Ga Starter & Grower (2048)	19.75	18.00	4.73	3.50	7.41	7.50	As Certified
VANDERVOORT MILLS, Laceyville, Pa. Vandervort's Growing Mash (2043)	19.00	18.00	4.57	4.50	6.15	6.00	As Certified
Vandervort's Laying Mash with Cod Liver Oil (2044)	23.31	22.00	4.58	4.00	6.43	10.00	As Certified
Vandervort's Poultry Mash with Buttermilk & Cod Liver Oil (2046)	21.06	20.00	4.51	4.00	6.44	7.00	As Certified
Vandervort's Starting & Growing Chick Mash (2047)	19.63	18.00	4.65	4.00	6.08	7.00	As Certified
Vandervort's Turkey Growing Mash (2045)	19.88	20.00	4.59	4.00	6.96	8.00	As Certified
VITALITY MILLS, INC., Chicago, Ill. Vitality Brand Breeder & Egg Builder (1541)	19.31	20.00	4.44	4.00	6.24	7.50	As Certified
Vitality Brand Chick Starting Ration (1537)	18.38	17.00	4.29	4.00	5.00	6.50	As Certified
VOLANT MILLS, Volant, Pa. Volant Mills 20% Egg Mash (1554)	20.94	20.00	4.83	4.00	5.37	7.50	As Certified
Volant Mills Starting Mash (1555)	19.75	18.00	4.60	4.00	4.91	7.00	As Certified
THE WADSWORTH FEED CO., Warren, Ohio Superior Laying Mash (1955)	22.25	20.00	5.58	4.50	6.27	7.00	As Certified
Wadsworth's Special Egg Mash (1956)	19.69	20.00	4.84	4.00	7.83	8.00	As Certified
WASHINGTON MILLING COMPANY Washington, Pa. Gain More Egg Laying Mash (1693)	20.38	20.00	4.26	4.00	7.30	7.00	As Certified
Gain More Egg Laying Mash (2189)	20.69	20.00	4.28	4.00	6.93	7.00	As Certified
Gain More Starting & Growing Mash (2190)	19.56	19.00	5.00	4.00	5.70	6.50	As Certified
WAYNESBURG MILLING COMPANY Waynesburg, Pa. Banner Mash (1724)	19.75	19.00	4.30	3.50	5.69	8.00	As Certified
Diamond Laying Mash (2175)	15.44	17.00	4.61	3.50	6.19	8.00	As Certified
Home Laying Mash (1722)	20.13	20.00	4.45	3.50	5.69	8.00	As Certified
Home Laying Mash (2179)	20.88	20.00	5.26	3.50	6.57	8.00	As Certified
Starting Mash (1723)	17.75	19.00	4.16	3.50	6.83	7.00	As Certified
Turkey Developer (2177)	20.75	20.00	3.74	3.00	7.30	8.00	As Certified
WEBB BROTHERS, Altoona, Pa. Laying Mash (1406)	20.88	18.00	4.77	4.50	5.54	8.00	As Certified
Yeast Foam Chick Starting & Growing Mash (1408)	17.81	16.00	4.42	3.00	5.18	8.00	As Certified
WEST APOLLO MILLING CO., Apollo, Pa. Apollo's Best Egg Mash (1806)	20.31	20.00	5.66	5.00	6.16	7.00	As Certified
Apollo's Best Growing Mash (1807)	18.88	17.00	4.80	4.50	6.29	7.00	As Certified
R. A. WESTERMAN, Sarver, Pa. Home Mix Chick Starter (1756)	17.38	18.00	4.75	3.50	6.90	7.00	As Certified
WEST WILLOW FARMERS ASSOCIATION West Willow, Pa. W.W.F. Association All Mash (2099)	16.81	15.00	4.74	4.00	5.23	7.00	As Certified
W.W.F. Association Laying Mash (2098)	17.31	17.00	4.70	4.00	6.39	7.50	As Certified
A. R. WHITE, Monroeton, Pa. White's Bracco Laying Mash (2271)	19.44	20.00	5.92	4.50	6.32	6.00	As Certified
White's Bracco Starting & Growing Mash (2272)	15.50	15.00	5.48	4.50	6.73	5.00	As Certified
ZECHMAN'S FLOUR MILLS Potts Grove, Pa. Zechman's Laying Mash (2121)	20.00	19.50	4.78	3.40	5.93	8.00	As Certified
Average	20.38	-----	4.79	-----	6.30	-----	
<u>PROPRIETARY SMALL ANIMAL FEED</u>							
ACME MILLING CO., Olean, N. Y. Acme Golden Dog Food (1310)	31.69	30.00	4.13	3.50	4.13	4.50	As Certified
R. S. ALTMAN, Irwin, Pa. Altman's Complete Dog Ration (2157)	27.31	24.00	5.87	4.00	4.50	8.00	As Certified
Altman's Dogs Delight Dog Meal (1591)	31.38	24.00	4.85	4.00	4.99	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
AMERICAN STORES CO., Philadelphia, Pa. Playboy Dog Food (1322)	10.77	11.00	2.57	6.00	0.61	2.50	As Certified
ARMOUR & COMPANY, Chicago, Illinois rmour's Dog Food (1317)	12.73	12.00	2.61	2.50	0.20	1.25	As Certified
ATLAS CANNING COMPANY, INC. Glendale, L. I., N. Y. rown Oog & Cat Food (2259)	8.42	6.50	1.02	1.03	0.79	1.45	As Certified
ex Dog Food (1654)	7.77	7.00	0.92	1.25	0.77	1.50	As Certified
BEOFORD MILLING CO., Bedford, Pe. ort Bedford Oog & Puppy Oiet (2240)	33.13	28.00	7.03	5.00	5.03	6.00	As Certified
BELLEVILLE FLOUR MILLS COMPANY Belleville, Pe. elleville Oog Food (1488)	23.25	22.00	5.43	4.00	4.32	7.00	As Certified
CALO FOOD PRODUCTS, INC. Oakland, California alo Dog & Cet Food (1321)	10.49	10.00	3.21	2.00	0.92	1.00	As Certified
CANINE COMMISSARY COMPANY Upper Oerby, Pe. enine Delight (1662)	20.58	17.00	8.87	4.00	0.11	1.00	As Certified
o. 1 Teble O'Hote Cubed Meet Meel (1657)	20.84	19.00	12.60	3.00	0.70	0.75	As Certified
o. 2 Teble D'Hote Cubed Meal with Vegetables (1658)	20.37	18.50	2.22	1.00	0.14	0.75	As Certified
o. 4 Table O'Hote Liver Meel with Vegetables (1659)	17.65	17.50	4.62	3.50	0.11	0.75	As Certified
o. 5 Teble O'Hote Fish Meel (1660)	19.41	17.50	13.05	13.00	0.10	0.50	As Certified
o. 6 Teble O'Hote Lamb Meel with Vegetables (1661)	19.41	17.50	3.67	3.50	0.28	0.50	As Certified
CANINE VITA-FOODS COMPANY Upper Derby, Pe. anine Vite-Diet (1983)	21.52	12.09	4.23	7.71	0.85	0.68	As Certified
CHAMPION ANIMAL FOOD COMPANY Minneapolis, Minnesota orth Ster Kibbled Oog Food (1309)	21.13	17.50	3.26	1.70	4.63	5.00	As Certified
COAST FISHING CO., Wilmington, Cal. uss-N Boots Cet Food (1314)	11.92	12.00	6.42	3.00	0.76	1.00	As Certified
uss-N Boots Cet Food (1382)	13.16	12.00	6.28	3.00	0.60	1.00	As Certified
CONSOLIDATED BY-PRODUCT COMPANY Philadelphia, Pe. erco Dog & Cet Food (1990)	10.10	10.50	1.22	3.00	1.05	1.00	As Certified
DAILY PACKING CO., Chicago, Illinois aily Cet Food (2236)	12.68	10.00	3.17	2.50	1.24	1.50	As Certified
aily Dog Food - Regular (1316)	11.78	12.00	0.97	3.00	1.51	1.50	As Certified
aily Oog Food - Regular (2235)	12.38	12.00	2.91	3.00	1.48	1.50	As Certified
aily Dog Food - Fish Flavored (2005)	11.41	12.00	2.10	3.00	1.51	1.50	As Certified
DOG FOOD PRODUCTS CO., Mespeth, N. Y. em Oog Food (2306)	8.00	7.50	1.32	1.25	1.48	1.00	As Certified
DOYLE PACKING CO., INC. OF NEW JERSEY Newark, N. J. ozo Oog Food (1312)	7.94	7.00	1.10	2.00	0.89	1.00	As Certified
Strongheart Rations Dog & Cat Food (1323)	8.69	8.00	2.28	2.00	0.89	1.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa. Red Rose Dog & Puppy Food (1796)	26.31	23.00	5.12	4.75	2.62	3.50	As Certified
THE FOSTER CANNING COMPANY, INC. Glendale, L. I., N. Y. Dr. Olding Dog Food (1311)	13.57	11.00	0.72	3.00	0.43	1.25	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y. Daily Kennel Feed (2237)	25.56	24.00	5.28	4.00	3.32	4.50	As Certified
HALES & HUNTER CO., Chicago, Illinois Victorie Rabbit Feed (2057)	17.00	12.00	3.30	2.00	11.04	16.00	As Certified
HI-LIFE PACKING CO., Chicago, Ill. Hi-Life Dog Food (1306)	10.71	10.00	1.03	2.00	1.29	1.50	As Certified
HYGRACE FOOD PRODUCTS CORPORATION Cleveland, Ohio Hy-Gee Dog Rations (1329)	11.35	10.50	4.95	3.00	0.75	1.25	As Certified
INTERSTATE FOODS OF AMERICA Bedford, Ohio A.B.C. Oog Food Diet 1 (1315)	9.29	10.00	0.45	2.00	1.10	1.25	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
JERSEY CEREAL CO., Chicago, Ill. Cer-Me-Soy Dog Food (1318)	26.31	21.50	4.08	3.50	2.30	3.00	As Certified
LARDAN PACKING COMPANY, INC. Ozone Park, N. Y. Omar Dog & Cat Food (1655)	7.40	6.55	0.91	1.50	1.50	1.00	As Certified
LOOSE-WILES BISCUIT COMPANY Long Island City, N. Y. Austin's Dog Food (1331)	23.19	20.00	1.07	2.00	1.47	2.00	As Certified
MARCO ANIMAL FOODS, INC. Philadelphia, Pa. Cat'n Fiddle Cat Food (1987)	9.03	10.00	3.24	3.00	0.64	1.00	As Certified
Marco Dog & Cat Food - Beef Flavor (1324)	9.00	10.00	1.46	2.00	0.75	1.00	As Certified
Marco Dog & Cat Food - Beef Flavor (1985)	7.60	10.00	2.27	2.00	0.51	1.00	As Certified
Marco Dog & Cat Food Diet B - Fish Flavor (1988)	10.09	10.00	2.07	2.00	0.60	1.00	As Certified
Marco Dog & Cat Food Diet C - Cheese Flavor (1986)	8.14	10.00	1.90	2.00	0.63	1.00	As Certified
Marco Dog Food (1984)	30.88	25.00	5.38	3.50	4.20	4.00	As Certified
MARITIME MILLING CO., INC. Buffalo, N. Y. Hunt Club Dog Food (1313)	25.56	25.00	5.52	3.50	2.76	4.00	As Certified
Hunt Club Dog Food (1609)	25.19	25.00	4.94	3.50	3.06	4.00	As Certified
THE MEAT PRODUCTS CO., Cleveland, Ohio Bresko Granular Ration (1332)	22.38	23.00	4.45	2.00	3.60	4.00	As Certified
S. E. MIGHTON CO., Bedford, Ohio 100% Dog & Cat Food (1361)	10.90	10.00	1.39	2.00	1.20	1.25	As Certified
MINER-HILLARD MILLING COMPANY Wilkes-Barre, Pa. A-1 Rabbit Feed (2288)	16.13	13.00	4.16	3.00	7.15	7.50	As Certified
MODERN FOOD PROCESS COMPANY Philadelphia, Pa. Thrive Dog & Cat Food (1320)	12.67	10.00	6.05	3.00	1.56	2.00	As Certified
THE NYPANE DISTRIBUTING COMPANY New York, N. Y. Clipper Dog Food (2055)	8.37	7.00	0.85	1.00	1.14	1.50	As Certified
PACKER PRODUCTS COMPANY Philadelphia, Pa. Seefy Dog & Cat Food (2054)	6.73	8.00	1.14	2.00	0.85	1.25	As Certified
Dart Dog Food (2144)	7.56	6.50	1.05	1.00	0.75	1.50	As Certified
Paco Dog & Cat Food (1989)	5.99	6.50	1.88	2.00	0.42	1.00	As Certified
PRATT FOOD CO., Hammond, Indiana Pratts Complete Rabbit Pellets (1627)	16.88	17.00	3.52	2.00	17.94	20.00	As Certified
Pratts Dog Food (1327)	23.50	-----	6.45	----	3.12	----	As Registered
Pratts Rabbit Pellets (1628)	20.13	17.00	4.32	3.00	8.25	10.00	As Certified
REX DOG FOOD PRODUCTS COMPANY Glendale, L. I., N. Y. Rex Dog Food (1307)	6.64	7.00	1.15	1.25	0.81	1.50	As Certified
THE RIVAL PACKING CO., Chicago, Ill. Rival Dog Food (1325)	9.71	10.00	2.14	2.50	0.67	1.00	As Certified
SCOVILLE, BROWN & COMPANY Wellsville, N. Y. Hearte Delight Dog Food (1328)	12.80	-----	3.83	----	1.31	----	As Certified
SILVER KING CANNING COMPANY, INC. Kansas City, Kansas Silver King Dog & Cat Food (1326)	10.56	10.00	3.57	2.00	0.60	1.00	As Certified
TRIANGLE STORES, Olean, N. Y. Triangle Dog Food (1330)	10.32	10.00	3.63	2.00	0.73	1.50	As Certified
VIMPEP FOODS, INC., Cambridge, Md. Dog Lure Dog Food (1363)	9.67	8.00	2.49	2.00	0.97	1.00	As Certified
Smarty Dog Food (1319)	8.46	8.00	2.46	2.00	0.88	1.00	As Certified
Vimpep Dog Food (2304)	8.47	7.00	2.48	2.00	0.98	1.00	As Certified
VITA-FRESH DOG FOOD CORPORATION Long Island City, N. Y. Vita-Best Dog Food Meal (1656)	27.31	-----	4.34	----	2.04	----	As Certified
Vita-Best Dog Food Meal (2305)	27.63	-----	4.98	----	1.86	----	As Certified
VITALITY MILLS, INC., Chicago, Ill. Vitality Brand Goat Ration (1544)	21.50	20.00	3.82	3.50	8.55	8.00	As Certified
WILSON & COMPANY, Chicago, Illinois Ideal Dog Food (1308)	11.34	10.00	4.75	2.00	0.62	1.00	As Certified
Ideal Dog Food (1653)	10.62	10.00	4.74	2.00	0.67	1.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
WOOD'S CANINE BAKERY, Llanerch, Pa. Wood's Old Master Brand Vitamized Diet (2260)	23.45	10.00	5.34	2.00	0.54	1.00	As Certified
<u>ANIMAL BY-PRODUCTS</u>							
<u>Meat Meal</u>							
BRADLEY & BAKER, Baltimore, Md. Radbake Brand 55% Meat Meal (2250)	59.13	55.00	11.65	6.00	1.34	3.00	As Certified
L. C. VOGT RENDERING WORKS Lewistown, Pa. Vogt's Meat Meal (1662)	58.63	50.00	7.79	10.00	0.97	3.00	As Certified
Average	58.88	-----	9.72	----	1.15	----	
<u>Meat and Bone Scrap</u>							
THE ATLANTIC SUPPLY COMPANY Baltimore, Maryland Atlantic Meat & Bone Scrap (1531)	51.56	50.00	8.78	6.00	1.76	3.00	As Certified
BAUGH & SONS CO., Philadelphia, Pa. Baugh's Oldest Brand Meat & Bone Scrap (1577)	49.25	50.00	8.31	6.00	1.68	3.00	As Certified
Baugh's Oldest Brand Meat & Bone Scrap (2011)	49.63	50.00	10.03	6.00	2.00	3.00	As Certified
Baugh's 45% Meat & Bone Scrap (2058)	48.00	45.00	10.33	6.00	1.71	3.00	As Certified
LUZERNE HIDE & TALLOW COMPANY Nescopeck, Pa. Ernesco Brand Meat & Bone Scrap (1505)	45.56	50.00	14.12	10.00	1.20	3.00	As Certified
Ernesco Brand Meat & Bone Scrap (2303)	45.38	45.00	12.21	10.00	1.54	3.00	As Certified
PENNSYLVANIA HIDE COMPANY, INC. Scranton, Pa. Pennsylvania Meat & Bone Scraps (1576)	52.00	50.00	9.20	6.00	1.59	3.00	As Certified
PITTSBURGH MELTING COMPANY Pittsburgh, Pa. Steel Cut Meat & Bone Scrap (1411)	52.38	50.00	5.72	5.00	1.51	3.00	As Certified
H. M. RUBIN COMPANY, INC. Long Island City, N. Y. Rubco Meat Bone Scrap (1497)	52.50	50.00	8.57	5.00	1.93	3.00	As Certified
SWIFT & COMPANY, Chicago, Illinois Swift's Meat & Bone Scraps (1494)	53.19	50.00	10.71	6.00	1.96	3.00	As Certified
Swift's Meat & Bone Scraps (1596)	50.88	50.00	10.00	6.00	2.48	3.00	As Certified
Average	50.03	-----	9.82	----	1.76	----	
<u>Fish Meal</u>							
BAUGH & SONS CO., Philadelphia, Pa. Baugh's 60% Fish Meal (2056)	60.19	60.00	7.34	5.00	0.89	3.00	As Certified
BRADLEY & BAKER, Baltimore, Md. Radbake Pure Fish Meal (2253)	61.19	58.00	6.57	6.00	0.97	3.00	As Certified
THE MENHADEN FISH MEAL COMPANY Baltimore, Maryland Pure Ground Fish Meal (2079)	63.00	58.00	8.33	6.00	0.77	2.00	As Certified
SEA BOARD SUPPLY CO., INC. Philadelphia, Pa. Fish Meal (1410)	56.13	55.00	5.15	5.00	2.15	3.00	As Certified
J. HOWARD SMITH, INC. Port Monmouth, N. J. Smith's H1-Vita Menhaden Fish Meal (1498)	62.06	55.00	13.55	9.00	0.41	3.00	As Certified
Average	60.51	-----	8.19	----	1.03	----	
<u>Fish and Crab Meal</u>							
SEA BOARD SUPPLY CO., INC. Philadelphia, Pa. Fish & Crab Scrap Meal (1521)	50.31	50.00	5.66	3.00	4.12	6.00	As Certified
<u>Steamed Bone</u>							
BAUGH & SONS CO., Philadelphia, Pa. Baugh's Sterilized Steamed Bone for Feeding (2119)	5.88	5.00	0.50	0.20	3.63	4.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-1-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
<u>MISCELLANEOUS FEED</u>							
THE ATLANTIC SUPPLY COMPANY Baltimore, Maryland Pro-Tex G Vitamin G (Riboflavin) (1860)	20.63	22.00	1.70	Trace	0.45	1.00	As Certified
BELLEVILLE FLOUR MILLS COMPANY Belleville, Pa. Corn & Oats Chop with Molasses (1485)	9.88	9.00	3.14	3.00	7.80	12.00	As Certified
DAWE'S VITAMELK CO., Chicago, Ill. Dawe's Vitamelk Base (1774)	24.81	21.00	6.81	4.50	4.46	5.00	As Certified
EGG-O-MILK CO., Baltimore, Md. Egg-O-Milk Co.'s Blend (1535)	38.06	32.00	2.47	1.50	3.25	4.00	As Certified
NATIONAL DISTILLERS PRODUCTS CORP. New York, N. Y. Produlac Brand Dried Corn Distillers Grain with Solubles (1499)	30.19	27.00	8.23	8.00	6.92	9.00	As Certified
NEWSOME FEED & GRAIN COMPANY Louisville, Ohio Palmo Midds (1776)	16.88	16.00	7.68	7.00	7.09	9.00	As Certified
REECE & GREENLY CO., Millville, Pa. Buckwheat Offal Feed (1474)	16.31	10.00	4.08	2.00	19.95	35.00	As Certified
ULTRA-LIFE LABORATORIES, INC. East St. Louis, Illinois Ultra-Life Concentrate (1493)	22.19	22.00	8.12	6.50	4.13	5.50	As Certified